

Historic, Archive Document

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62.11



NEW STRAIN SUPER GIANT ZINNIAS, *Mixed*

Blooms up to 6½ inches across in a wide range of colors and form of blossoms. Some Dahlia Flowered type, others with curled chrysanthemum blooms. Large Pkt. 15c; ¼ oz. 60c; ½ oz. \$1.00; oz. \$1.80.

GIANT ZINNIAS. PASTEL TINTS. *Crown O' Gold Type*

IMMENSE FLOWERS, borne profusely on robust plants. Finest of all pastel tints in the super-Zinnia class.

DEVELOPED FROM THE POPULAR "CROWN O' GOLD" VARIETY. Pastel shades of soft yellow, old gold, light pink, apricot, salmon, peach, buff, white and cream, mixed.

EACH PETAL GOLDEN AT BASE, carrying out the various pastel colors at tip. No magenta, reds or other harsh colors to kill the delicate tints in this new, grand and glorious mixture. LARGE PACKET: 15c; 2 Pkts. for 25c; ¼ oz. 40c; ½ oz. 75c; oz. \$1.40.

SPECIAL: One Pkt. Each Giant Pastel and Super Giant for 25c.



1947 SPRING GARDEN BOOK
The J.D. Long Seed Co.
 BOULDER, COLORADO



Annual Larkspurs

(Annual Delphiniums)

All Larkspurs Priced Prepaid

Much improved the past few years. Quick and pleasing results from spring sown seed.

Just sow the seed out in the garden in April or early May. You will have a grand display from midsummer until killing frost. Thin to 12 inches.

These Tall Annual Larkspurs (3 to 5 feet high) not only brighten up your garden, but are also splendid for cutting. They branch from the base and have very long flower stems.

New Super Majestic Rose-Pink Sensational true branching type. Can be grown 5 to 6 feet tall. The long clean stems bear enormous Rose-Pink blossoms. **Pkt. 15c; ¼ oz. 40c; ½ oz. 70c.**

New Super Majestic Lavender Same in type and amazing size and loveliness as Rose-Pink, above. But color lovely lavender. Both are grand in garden and splendid for cutting. **Pkt. 15c; ¼ oz. 50c; ½ oz. 80c.**

New Super Majestic White A colossal WHITE in the super Majestic classy type. **Pkt. 20c; ¼ oz. 60c; ½ oz. \$1.00.**

New Giant Imperial Lilac King A Super Lilac. Upright branching King type. The double florets, from 1½ to 2 inches, are closely spaced on long straight spikes. Finest Lilac. **Pkt. 15c; ¼ oz. 45c; ½ oz. 75c.**

Big Four Collection, 50c One pkt. each above four wonderful Annual Larkspurs (value 65c) for 50c.

TEN MORE Double Imperial LARKSPURS

Blue Spire Intense Oxford deep Blue. **Pkt. 10c; ¼ oz. 30c.**

Carmine King Rich Carmine-Salmon. **Pkt. 10c; ¼ oz. 30c.**

Coral King A new color in Larkspurs. Large. **Pkt. 10c; ¼ oz. 35c.**

Dazzler Bright carmine. Early. Fine for cutting. **Pkt. 10c; ¼ oz. 35c.**

Gloria Lovely deep rose with no trace of Carmine. **Pkt. 10c; ¼ oz. 35c.**

Lilac Queen Rich lilac, shading to blue. **Pkt. 10c; ¼ oz. 35c.**

Los Angeles Rose with salmon sheen. **Pkt. 10c; ¼ oz. 25c.**

Miss California Deep Rose-Salmon. **Pkt. 10c; ¼ oz. 35c.**

Salmon Pink New Cockade type. FINE. **Pkt. 10c; ¼ oz. 40c.**

White King Magnificent Hollyhock-type. **Pkt. 10c; ¼ oz. 35c.**

Beautiful Blend Mixture of these fine Larkspurs. **Pkt. 10c; ¼ oz. 25c; ½ oz. 40c; oz. 70c.**

"Snappy Seven" Collection

Our selection of 7 ten cent Pkts. Larkspurs (assorted colors), plus one Pkt. "Beautiful Blend"—all for 55c, prepaid.

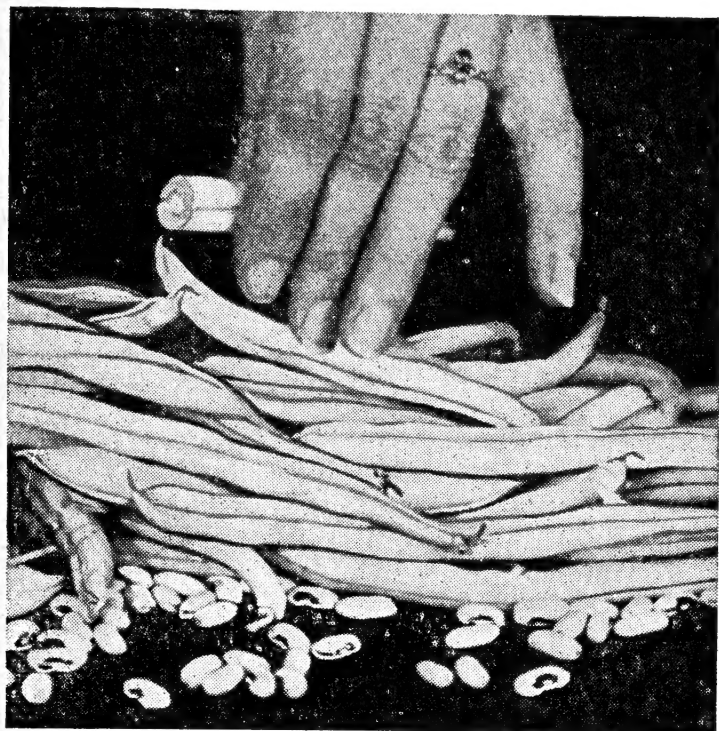
\$1.00 Super Collection

One Pkt. each of ALL named Larkspurs on this page. Value \$1.65. **SPECIAL, \$1.00, prepaid.**

LONG'S VEGETABLE SEEDS

Bountiful BEANS

Most any dame knows what it means
To sit for hours a stringin' Beans.
She'd better plant the stringless kind,
For then her work won't lag behind.



All Beans Below Priced Prepaid

Brittle Wax. Yellow Pod

The tender pods break like icicles. Flavor fine. Long, round fleshy yellow pods. Beans white, with dark eye. Pkt. 10c; ½ lb. 25c; 1 lb. 50c; 2 lbs. 90c; 3 lbs. \$1.30.

Giant Stringless Green Pod

Long, round, tender, meaty pods. Beans light brown. Delicious. Absolutely stringless. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 80c; 3 lbs. \$1.15.

Tendergreen Very long, round, tender, meaty, plump, straight, fully stringless pods of fine flavor. Pkt. 10c; ½ lb. 25c; 1 lb. 50c; 2 lbs. 90c; 3 lbs. \$1.30.

Kentucky Wonder Favorite pole bean. Pods are green. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 80c; 3 lbs. \$1.15.

Henderson's Lima **BABY LIMA.** Early bush. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 3 lbs. \$1.10.

Burpee's Bush Lima A thick seeded Lima. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 3 lbs. \$1.10.

Edible Soy Beans Bansei Strain. Pkt. 10c; ½ lb. 25c; 1 lb. 35c; 2 lbs. 70c; 3 lbs. \$1.00.

Beans—Larger Lots. Page 12

Put on your slacks or brindle jeans,
And plant a lot of Stringless Beans.

Table Beets, Prepaid

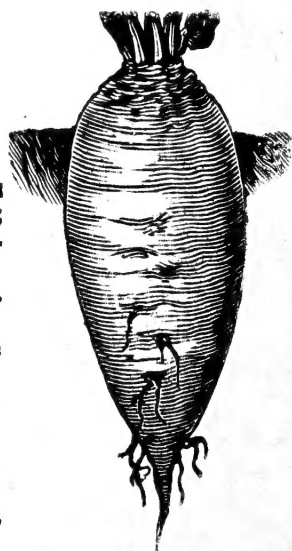


Pay more attention to the Beet.
Both roots and tops are fine to eat.

Detroit Dark Red Globe shape; smooth; dark red; tops small. Good for early, medium or late. Splendid for canning. Large Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50; 2 lbs. \$2.80.

Early Wonder A splendid extra early variety. Quick growing, globe shape. Flesh dark red, and tender. For summer, fall and winter. Large Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50; 2 lbs. \$2.80.

STOCK BEETS



All at same Prices Prepaid:
Pkt. 5c; oz. 15c; ¼ lb. 35c;
1 lb. 90c; 2 lbs. \$1.60; 4 lbs. \$3.00. Prepaid.

MAMMOTH LONG RED.
Great yielder.

GOLDEN TANKARD. Roots thick, short.

GIANT HALF SUGAR. Very good.

SUGAR BEET. The standard sugar beet.

MANGELS AND SUGAR BEETS MIXED.

Swiss Chard

SPINACH BEET

Leaves may be cooked like spinach. Chickens like Swiss Chard and thrive on it. Pull off the outside stalks. Others keep forming. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

Asparagus—Prepaid

SEED: Pkt. 10c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.20.
ROOTS: 15 for 50c; 50 for \$1.20; 100 for \$2.00.

CABBAGE, Prepaid



Cauliflower, Prepaid

EARLY SNOWBALL. Main crop variety.
Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c; $\frac{1}{2}$ oz. \$1.25; oz. \$2.20.

DRY WEATHER. Later than Snowball.
Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c; $\frac{1}{2}$ oz. \$1.25; oz. \$2.20.

Brussels Sprouts Tiny cabbages, stalks. Pkt. 10c; $\frac{1}{2}$ oz. 25c. grow closely on

Early Copenhagen Market

Also splendid for winter, when planted later.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

Extra Early Golden Acre

Plants compact. Heads round, solid, sweet.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.25.

Danish Round Head Winter

Short Stemmed Hollander. A favorite for late fall and winter. Solid. Good keeper.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

Early Jersey Wakefield

Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. 90c.

Winningstadt Second Early

Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. 90c.

Enkhuizen Glory Midseason

A second early round head variety. Large.
Pkt. 5c; $\frac{1}{2}$ oz. 25c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Mammoth Late Flat Dutch

Can be grown to gigantic size. Heads round.
Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. 90c.

Perfection Drumhead Savoy

Heads nearly round. Leaves crimped. Sweet.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.25.

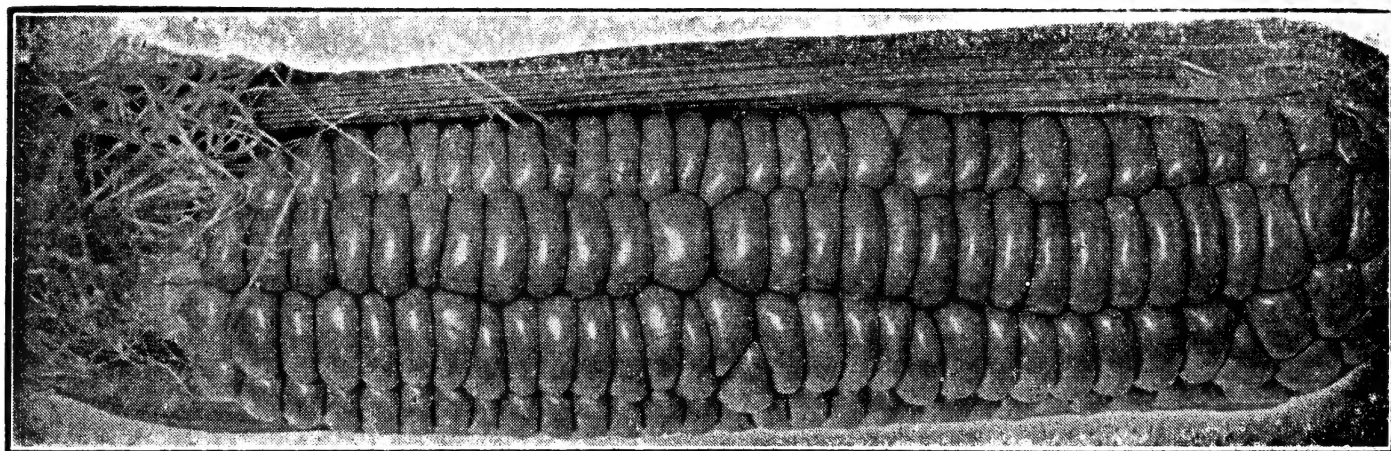
Mammoth Red Rock Winter

The round purple-red heads are excellent.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.25.

For Cabbage plants, don't spend your dough.
Plant seed outdoors, and watch 'em grow.

Chinese Or **CELERY CABBAGE.** Sow in June. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

SWEET CORN—ALL PRICED PREPAID



GOLDEN BANTAM. Improved Colorado strain.
Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c.

"EARLY SUNSHINE." Similar to Bantam in color and size but a week earlier. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c.

GOLDEN EARLY MARKET. A large early.
Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c.

SWEET CORN—LARGER LOTS. PAGE 12.

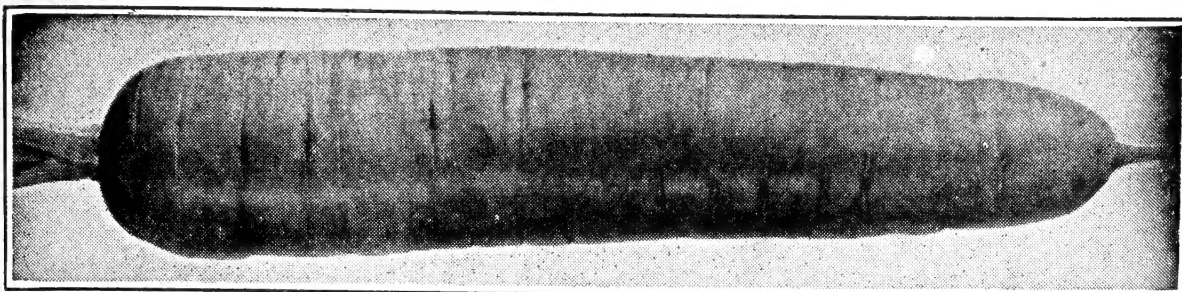
There is a Romeo named Bob
Who chaws his corn right off the cob.
The seed he gets away out west,
Where sweet corn seed develops best.

BEST HYBRID SWEET CORN—GOLDEN CROSS BANTAM

From the many varieties Hybrid sweet corn, we have selected the one we fully believe is the best, up to this time—**Golden Cross Bantam.**

Plant this early, medium or late. Or, still better, plant some of it every few weeks for a succession of the finest "roasting ears" from July to killing frosts.

Large Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 55c; 2 lbs. \$1.05; 3 lbs. \$1.50.



**Morse's
Bunching
Carrot.**
Ideal shape.
Favorite for
home use and
market.

CARROTS, Prepaid

Chantenay (Improved Red Core). Good.
Pkt. 10c; oz. 20c; ¼ lb. 55c;
lb. \$1.60; 2 lbs. \$3.00.

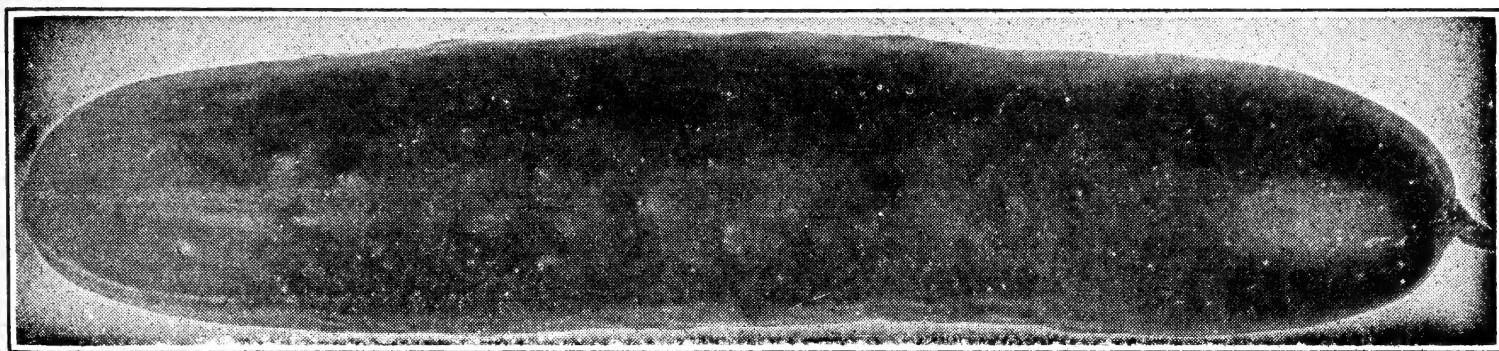
Danvers Flesh bright orange. Medium
length. Heavy yielder.
Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50; 2 lbs.
\$2.90.

Morse's Bunching Tops short. Roots
cylindrical.
Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.80.

Nantes Roots cylindrical, about 6 inches.
Orange-red. (Morse bunching type.)
Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$1.90; 2 lbs.
\$3.50.

Oxheart Short orange roots. Pkt. 5c; oz.
20c; ¼ lb. 50c; lb. \$1.50.

Reports come in from all directions, that Carrots tone up your complexions.



Cucumbers, Prepaid

Prices: ALL CUCUMBERS BELOW: Pkt.
10c; oz. 25c; ¼ lb. 70c; lb. \$2.00.

Boston Pickling Known also as Chi-
cago Pickling.

Davis Perfect Slim, dark green and
crisp.

Early Fortune Fine shape. White
spine type

Early White Spine A good old fa-
vorite.

Klondike An extra early white spine
variety.

Long Green Improved Good
slicer.

Straight-8 Most of the fruits are
straight. Good.

"Long's Long Longed-For Longest Long Green"

(Call this the 5L Cuke, for short.)

Extra long variety of beautiful appearance.
Splendid flavor. For pickles or slicing. Free
from bitterness. Pkt. 10c; oz. 30c; ¼ lb. 90c.

Our 5L Cucumber's mighty nice.

When small, for pickles. Large to slice.

WEST INDIA GHERKIN. Very small prickly
sort, for pickles only. Use when quite
young. Pkt. 5c; oz. 25c.

Feed Your Plants (Page 13)

Water Melons

Prices: ALL WATER MELONS: LARGE
PKT. 5c; OZ. 15c; ¼ LB. 40c;
LB. \$1.00. PREPAID.

Fordhook Early melon of good size.
Round, flesh bright red.

Ice Cream Very sweet, early melon for
home or home market.

King and Queen (Winter Water-
melon.) A Russian
variety; light cream with green striping.

Kleckley's Sweet (The Rocky
Ford.) Scarlet
flesh. Solid heart. Sweet and sugary.

Klondike The favorite strain. Flesh deep
red, stringless.

Early Kansas Large, round, and very
sweet. Extra early.

Stone Mountain Fine, large, nearly
round melon. Ten-
der red flesh. (Also called "Dixie Belle.")

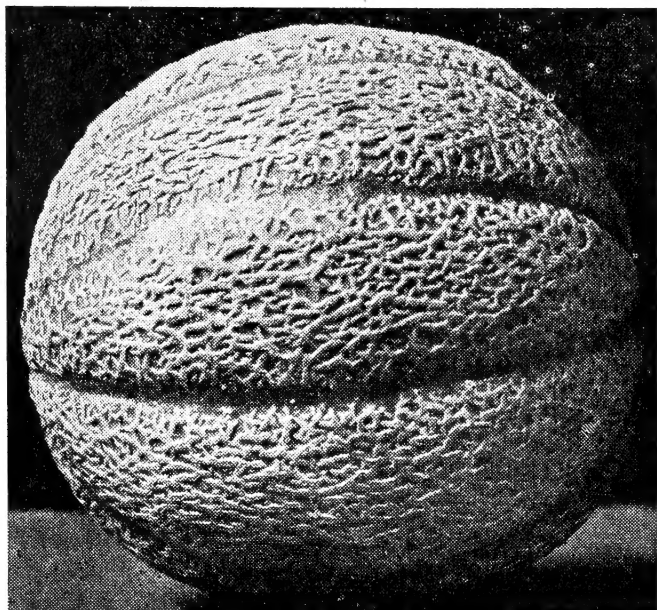
Tom Watson Similar to Kleckley's
Sweet, but still larger.

Citron Used for preserves and pickles.
Pkt. 5c; oz. 15c; ¼ lb. 45c.

Ol' Rastus plods with shoeless feet,
To melon patch of "Kleckley's Sweet"
And for dessert, if he's not seen,
Grabs off a couple "King and Queen."

You get more yield from every row, if seeds from Long you always sow.

Musk Melons Prepaid



CANTALOUPE—NEW YORKER

Prices: All Musk Melons, Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.00.

Hale's Best No. 36 strain. Best of the Rocky Ford type Cantaloupes. Early. Salmon-colored flesh.

Hale's Jumbo Similar to Hale's Best, but much larger. Flesh thick and of deep salmon.

Emerald Gem Small, early salmon flesh. Very sweet.

Honey Dew Medium size, round, creamy White outside. Flesh green.

Banana Banana shape and banana-like flavor. Thick salmon flesh.

New Yorker Similar to Greeley Wonder when G. W. was discovered and introduced by us years ago, but now discontinued because can't be held true to type.

NEW YORKER is new and will "go far". The meat is unusually thick and of very high sugar content. See picture and prices above.

GARDEN LEMON. Pkt. 10c. Very small. For pickles and preserves.

Celery, Prepaid

Culture: Sow in protected bed; sow thin and cover lightly. Transplant in June. Ask your Agricultural College for information on celery growing.

GOLDEN - SELF BLANCHING. One of the best early kinds for fall use. Pkt. 10c; ½ oz. 25c; oz. 45c.

GIANT PASCAL. Best for winter use. May be blanched with soil, paper or boards. Pkt. 10c; ½ oz. 25c; oz. 45c.

GIANT PASCAL. Special Stock. Re-selected. Fine. Pkt. 15c; ½ oz. 45c; oz. 80c.



LETTUCE Prepaid



ALL VARIETIES below, except New York: Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.80.

Black Seeded Simpson

Grows quickly, making fluffy, loose bunch of tender, creamy leaves of delicate flavor.

Cos One of the surest blanching kinds, of elongated form.

Grand Rapids Light green leaves with fringed edges.

Hanson Good heading variety. Good also as leaf lettuce.

Iceberg Similar to Hanson. **Crisp and tender.** Fine for home gardens.

Mignonette Easy to head. **Early.** Outer leaves have a bronzed cast. Creamy heads of compact crumpled leaves.

Prize Head Leaves crimped; tinged brownish-red. **Early.**

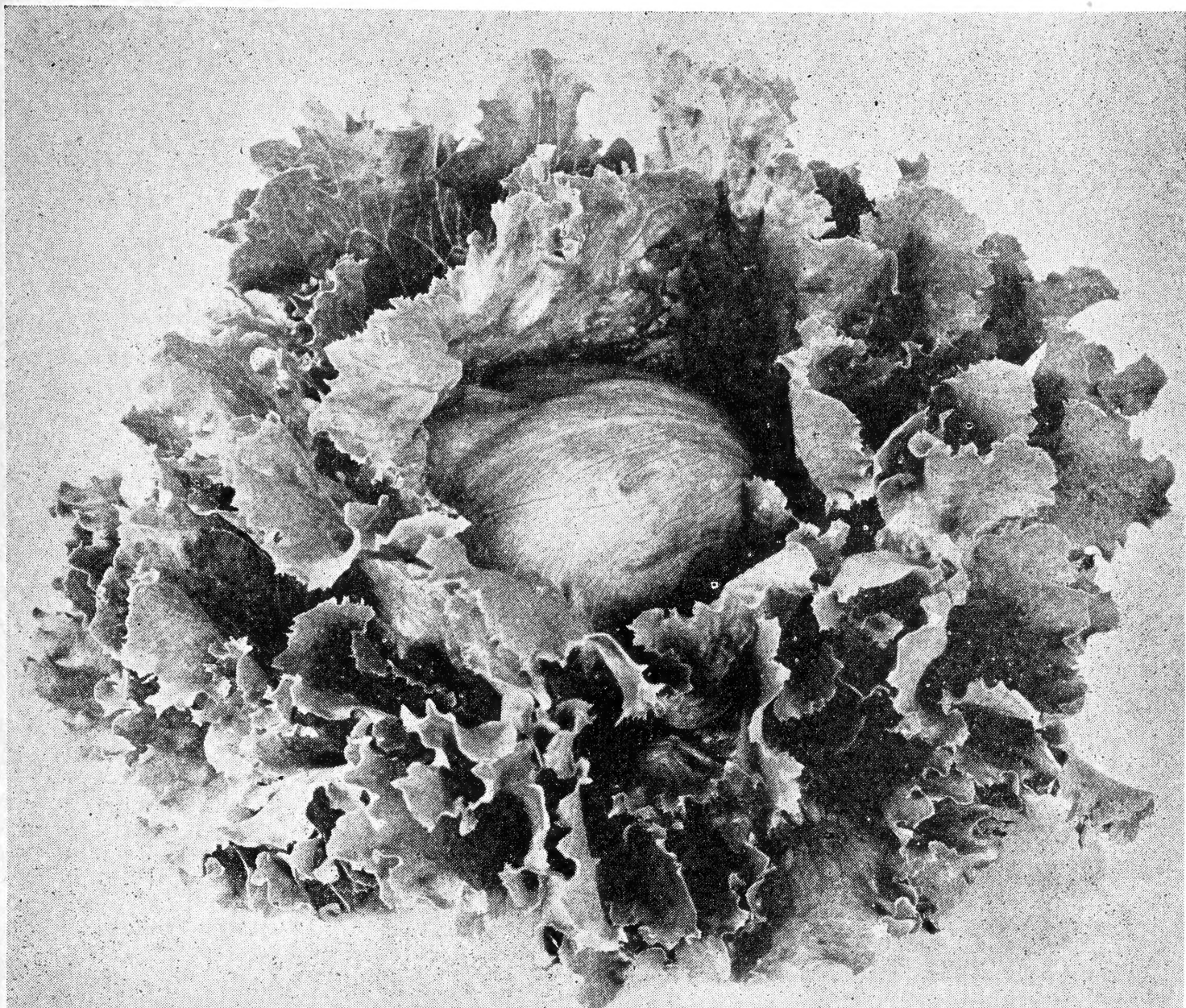
New York Also called Los Angeles, Wonderful, Mountain Iceberg, and Western Iceberg. Leading heading lettuce for market. Pkt. 10c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.25; lb. \$2.25.

To Make Head Lettuce Head

Lettuce will seldom head in hot weather, unless grown in shade. It is a cool weather plant, doing best very early in spring, or late in fall, as head lettuce. The cool climate of the mountains is ideal for head lettuce. That's where the carloads are now grown for shipping. This is becoming a big and profitable industry in Colorado.

Sowing head lettuce seed late in fall, just before ground freezes, is one good way to get an early start the next spring. Very early spring sowing—March or early April is good. Bear in mind that the ground should be good and rich, and that the plants should be thinned or transplanted to 6 to 10 inches apart. Then they should be hoed often, the oftener the better. You can't expect to pluck large solid heads of lettuce from a bed in which the plants are as thick as the proverbial hair on the proverbial dog's back.

Sow Lettuce seed in **EARLY** spring,
When robins flit upon the wing,
For brittle leaves and crispy heads.
To make it head, thin out the beds.



GREAT LAKES LETTUCE. *Crisp Solid Heads, Stands Heat*

ALL-AMERICAN BRONZE MEDAL WINNER. A new tight-heading, sure-to-head variety for home and market.

BRED BY KEITH C. BARRONS in cooperation with the United States Government. Introduced from the Michigan Experiment Station.

PRODUCES FINE LARGE HEADS, well rounded, very solid. Especially resistant to tipburn. Stands the longest of any lettuce without going to seed. Can be used as leaf lettuce at all stages of growth. The attractive crimped leaves are tender and delicious.

Fills a long felt want for both back yard gardeners and commercial growers. The most certain to head of all large luscious varieties, often under most adverse condition, and in hot weather. Heads best of course in cooler months. Resistant to tipburn.

The thick large leaves fold well over the head. Unlike most kinds, Great Lakes is very slow to run to seed.

LARGE PACKET 15c, 1/2 oz. 25c, oz. 45c; 1/4 lb. \$1.40, 1/2 lb. \$2.50, lb. \$4.80

Onion Seed Prepaid

Mountain Danvers Rich golden yellow globe. Nearly as round, and sound, as a baseball. Early, good yielder, long keeper. Fine, both for high and lower altitudes. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.20.

Yellow Spanish The new mammoth improved UTAH strain of Sweet Spanish. Deep yellow thick skin, small neck, vigorous grower. Pkt. 10c; oz. 40c; ¼ lb. \$1.10; lb. \$3.90.

White Spanish Gigantic size. Mild and sweet. Pkt. 10c; oz. 45c; ¼ lb. \$1.20; lb. \$4.40.

White Silverskin Early, good size. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.30.

Red Globe Southport type. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$3.00.

White Globe Southport. Pkt. 10c; oz. 35c; ¼ lb. 95c; lb. \$3.20.

Yellow Globe Southport. Pkt. 5c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

Yellow Globe Danvers Later than Mt. Danvers. Well known money maker. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

The Mountain Danvers Golden Onion
May cure some ills. But not your bunion.

"Jack Spratt" Mixed Onion Seed For the Home Garden. Gives you a variety of colors and types. All good for green summer onions, or large onions for winter. Large Pkt. 10c; oz. 25c; ¼ lb. 80c.

Onion Sets, Prepaid

Large Dry Onions for fall and winter use are easily raised from sets. HAZEL and TINY cheapest and best for growing dry onions and make nice green onions also.

Use the smaller sets for growing large bulbs. Smaller sets make better matured dry onions. Regular Sets O. K. for green onions and come quicker. Will make dry onions but may run to seed.

Regular Size Sets are 7⁄8-inch to little less than ¾-inch. Hazel Sets are under ¾-inch.

"Tiny" Sets Prepaid

The smallest of all Onion Sets. Prepaid anywhere in United States.

Make green onions much earlier than seed. Fine for growing dry onions for winter also.

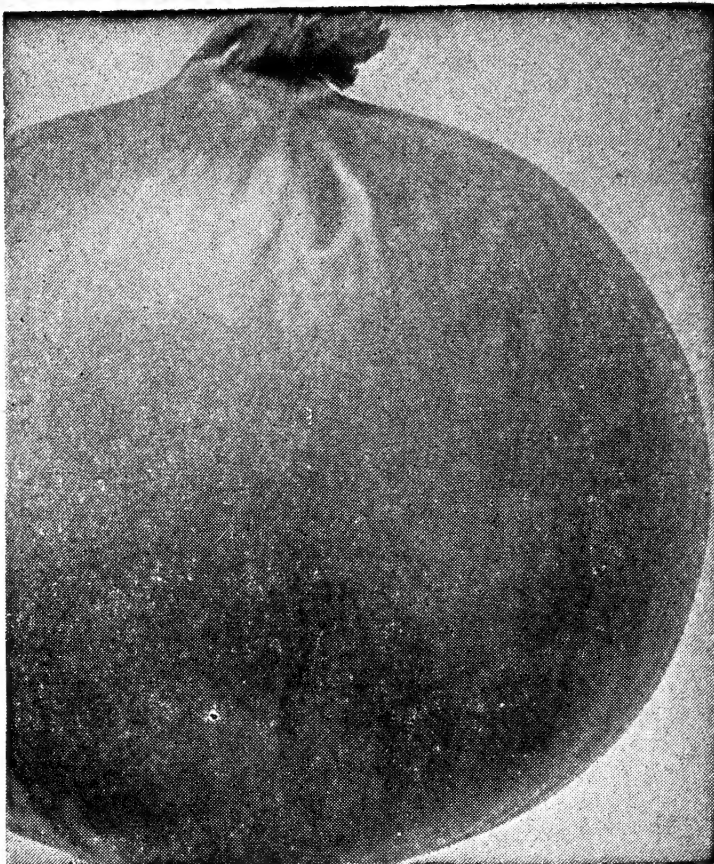
YELLOW TINY SETS: Pint 35c; quart 60c.

WHITE TINY SETS: Pint 40c; quart 70c.

(For Zones 7 and 8 add 3c each Quart to 6th zone rates.)



8 • The kinds we sell are Tried and True. Buy seeds from Long. They're best for you.



(Write for prices on larger lots of Onion seed.)

Regular Size Sets

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone
YELLOW					
Quart	\$0.27	\$0.28	\$0.29	\$0.30	\$0.31
2 Quarts ...	.50	.52	.54	.56	.58
4 Quarts ...	.96	1.00	1.04	1.08	1.12
WHITE					
Quart .....	.31	.32	.33	.34	.35
2 Quarts ...	.58	.60	.62	.64	.66
4 Quarts ...	1.12	1.16	1.20	1.24	1.28

Hazel Size Sets

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone
YELLOW					
Quart	\$0.35	\$0.36	\$0.37	\$0.38	\$0.39
2 Quarts ...	.66	.68	.70	.72	.74
4 Quarts ...	1.28	1.32	1.36	1.40	1.44
WHITE					
Quart .....	.38	.39	.40	.41	.42
2 Quarts ...	.74	.76	.78	.80	.82
4 Quarts ...	1.46	1.50	1.54	1.58	1.62

(A Quart of Sets Equals 1 Pound in Weight.)

Spinach, Prepaid

Prices: All Spinach: **LARGE PKT.** 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

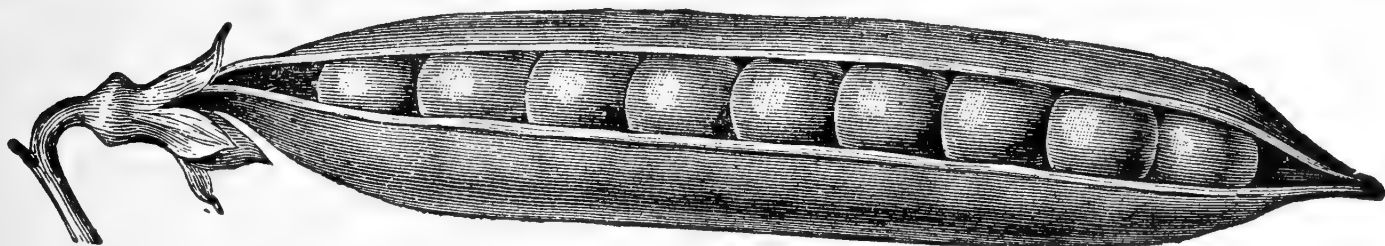
BLOOMSDALE, LONG STANDING. Large Savoy type leaves. Best.

VIROPLAY. Thick, dark green leaves.

"KING OF DENMARK." Dark green leaves.

Prolific Profitable PEAS

for Particular Planters



ALL PEAS PRICED PREPAID

Aunt Lucy opens garden peas
By giving every pod a squeeze.
But soon, methinks, she'll rest her flippers
While shelling peas equipped with zippers.

Alaska Early smooth. Large pkt. 10c; 1/2 lb. 20c; 1b. 35c; 2 lbs. 65c; 3 lbs. 95c.

Alderman Tall telephone type. Better. Large pkt. 10c; 1/2 lb. 25c; 1b. 40c; 2 lbs. 75c; 3 lbs. \$1.10.

Ameer Larger than Alaska. Early. Smooth. Large pkt. 10c; 1/2 lb. 20c; 1b. 35c; 2 lbs. 65c; 3 lbs. 95c.

Dwarf Telephone A second early. Pods large. Large pkt. 10c; 1/2 lb. 20c; 1b. 35c; 2 lbs. 65c; 3 lbs. 95c.

Edible Pod Dwarf Gray Sugar. Pods as well as peas are cooked. Pkt. 10c; 1/2 lb. 25c; 1b. 40c; 2 lbs. 75c.

Everbearing An old time late sort. Pkt. 10c; 1/2 lb. 20c; 1b. 35c; 2 lbs. 65c; 3 lbs. 95c.

Giant Stride Medium vines, giant pods, and peas. Large pkt. 10c; 1/2 lb. 20c; 1b. 35c; 2 lbs. 65c; 3 lbs. 95c.

Peas thrive best in the cooler early months of the season. Seldom thrive if planted late. But BEANS do well planted any time after danger from frosts up till late July, in most sections. The wrinkled varieties of Peas are sweeter than the smooth. The main value of Alaska and Ameer is that they can be planted very early and almost never rot in cold wet ground. Sow peas rather thick, a pound to 75 feet.

Laxtonian Pods long, vines short. Peas are large, wrinkled, sweet, 7 to 10 in a pod. Require no staking. Early. Improved strain. Large pkt. 10c; 1/2 lb. 25c; 1b. 40c; 2 lbs. 75c; 3 lbs. \$1.10.

Little Marvel Early; vine short; very prolific; pods packed tight. Large pkt. 10c; 1/2 lb. 25c; 1b. 40c; 2 lbs. 75c; 3 lbs. \$1.10.

Long Season Collection

1/2 LB. ALASKA	\$0.20
1/2 LB. DWARF TELEPHONE	.20
1/2 LB. LAXTONIAN	.25
1/2 LB. GIANT STRIDE	.20
1/2 LB. EVERBEARING	.20
1/2 LB. ALDERMAN	.25
TOTAL VALUE	\$1.30

TOTAL VALUE, \$1.30.
SPECIAL FOR ALL, \$1.10, PREPAID.

Peas—Larger Lots. Page 12

Peppers—Prepaid

CALIFORNIA WONDER. A GIANT, with crisp, tender and sweet flesh. Not lopsided. Base level. Ideal for stuffing. A real wonder. Pkt. 10c; 1/2 oz. 35c; oz. 60c.

CHINESE GIANT. Larger than Ruby King. Mild. Pkt. 10c; 1/2 oz. 40c; oz. 70c.

HARRIS EARLY GIANT. Earliest of all giant peppers. Pkt. 10c; 1/2 oz. 40c; oz. 70c.

LONG RED CAYENNE. Pkt. 5c; 1/2 oz. 35c; oz. 60c. "Full of pep."

PIMIENTO. Mildest of all peppers. Pkt. 10c; 1/2 oz. 35c; oz. 60c.

RED CHILI. Small, red, very hot. Pkt. 5c; 1/2 oz. 35c; oz. 60c.



How to Grow Peppers

Culture: Sow 1/4 in. deep in hotbed or shallow boxes. Follow same suggestions given for tomatoes. Peppers will not germinate if ground is cold. Plants tender. Set out 12x24 inches after late frosts.

Rutabaga—Prepaid

AM. PURPLE TOP. Purple above and yellow under the ground. Flesh yellow and solid. Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1b. 90c.

Rhubarb, Pie Plant

Sow the seed in spring, and transplant where wanted next spring. Pkt. 5c; oz. 20c.

SQUASH Prepaid



Prices: All Squash at: Pkt. 10c; oz. 20c; ¼ lb. 55c; 1b. \$1.70; 5 lbs. \$7.50.

TRUE HUBBARD. The good old green, solid, hard shell, long keeping, fine flavored kind.

WHITE BUSH SCALLOPED. For summer use.

STRAIGHTNECK. Better than Crookneck. For summer. Bush plants. Cream color. Use when 4 to 8 inches.

BANANA. When baked the thick golden meat is indeed delicious.

NEW TABLE QUEEN. 5 to 6 in. long; 4 to 5 in. across. Flavor splendid. Usually dark green but color varies. Delicious.

ZUCCHINI (Black.) Better than the gray. Bush type. Flesh greenish white. Grows to 14 inches. But use when small.

Now take a Squash, and bake it well,
A yum-yum dish, I hope to tell.

TURNIPS Prepaid

Prices: All Turnip Seed: Pkt. 5c; oz. 15c; ¼ lb. 35c; 1b. 90c.

EARLY SNOWBALL. Small, pure white, round, extra early; very tender and sweet.

EXTRA EARLY WHITE MILAN. Of medium size. Flat. Snowball is better.

WHITE EGG. Quick growing, egg-shaped, pure white variety, for spring or summer.

PURPLE TOP GLOBE. Similar to White Egg in shape but with purple top.

The Turnip, butt of many jokes,
Has calcium for all you folks.

MUSTARD Prepaid

OSTRICH PLUME. Leaves long, ruffled and curved. Cook it like spinach. Pkt. 5c; oz. 15c; ¼ lb. 35c, prepaid.

PARSNIPS Prepaid



HOLLOW CROWN. Large. Pkt. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1b. \$1.25.



Parsley

Culture: Soak seed in tepid water a few hours before planting. Cover ½ inch.

DARK MOSS CURLED. Fine for garnishing. Pkt. 5c; oz. 15c; ¼ lb. 35c.

POP CORN, Prepaid

"HULL-LESS." Ears short. Grains slim. Hulls thin. Pkt. 10c; ½ lb. 20c; 1b. 35c.

DYNAMITE. (So. American.) Large. Rich yellow, when popped looks like buttered pop corn. Pkt. 10c; ½ lb. 20c; 1b. 35c.

PUMPKINS Prepaid

Small Sugar The good old yellow pie pumpkin. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1b. 80c; 2 lbs. \$1.40.

Large Field Pkt. 5c; oz. 10c; ¼ lb. 25c; 1b. 70c; 2 lbs. \$1.20.

King of Mammoths Largest of all pumpkins, yet good for pies as well as for stock. Pkt. 10c; oz. 15c; ¼ lb. 40c; 1b. \$1.00; 2 lbs. \$1.80.

Dill Mammoth. Pkt. 5c; oz. 20c; ¼ lb. 60c.

Egg Plant **BLACK BEAUTY.** Pkt. 10c; ½ oz. 25c.

Endive **WHITE CURLED.** Pkt. 5c; oz. 15c; ¼ lb. 45c.

Kale For greens. Pkt. 5c; oz. 20c; ¼ lb. 60c.

Kohl-Rabi **WHITE VIENNA.** The best. Pkt. 10c; oz. 40c. Prepaid.

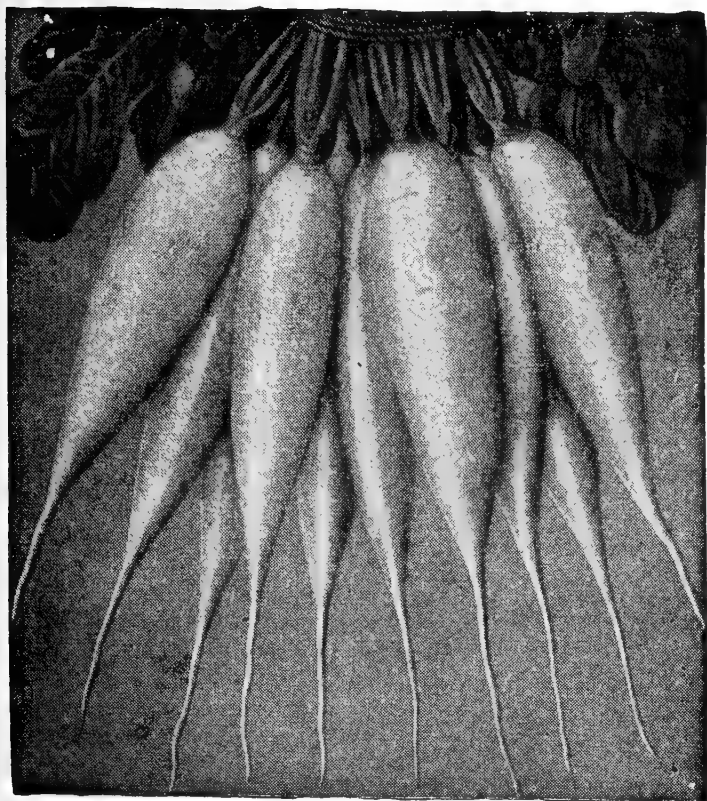
Okra, or Gumbo, Prepaid

Pods used in soups, to which they impart a rich flavor. Pkt. 5c; oz. 15c; ¼ lb. 40c.

Broccoli Both stems and heads are cooked. Pkt. 10c.

If feeling weak and looking pale,
Then eat more Spinach, Peas and Kale.
If cost of Oranges is high,
Tomato juice will get you by.

RADISHES Prepaid



Prices: All Radishes at: Pkt. 5c; oz. 15c; ¼ lb. 40c; 1b. \$1.20; 2 lbs. \$2.00.

- White Icicle** The name just fits. Is the earliest long radish.
- Early Scarlet Turnip** **WHITE TIP** (Sparkler strain). Quick growing, attractive.
- Glass** Or **CINCINNATI MARKET**. Corresponds to Icicle, but color is red.
- French Breakfast** Half long type. Soon gets pithy.
- Scarlet Globe** EARLY. Round, slightly elongated. Crisp.
- Crimson Giant** Round, bright red, growing quickly to bunching size. Grows very large and still remains crisp and mild.

The Crimson Giant, sweet and red, Should be in every Radish bed.

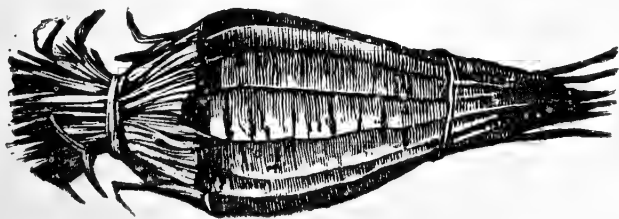
Chinese Rose (Winter.) Pink, oval or half long.

"Jack Spratt" Mixed

Red, white, long, short, fat, slim—in one package. Pkt. 5c; oz. 15c; ¼ lb. 35c.

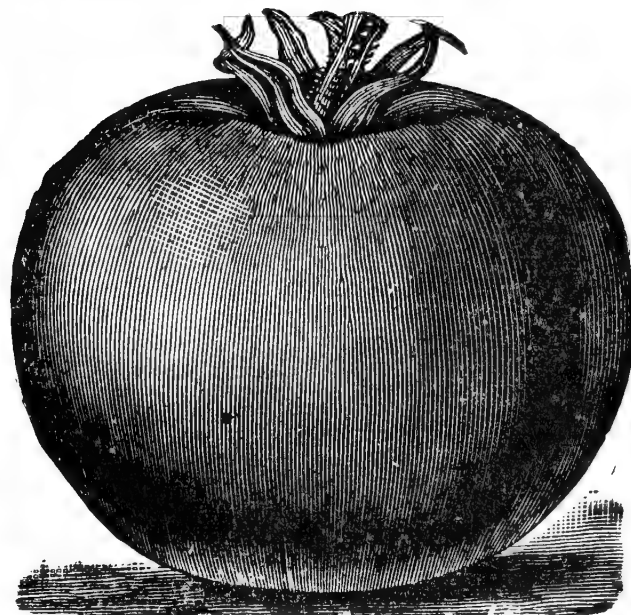
The Radish grows much like a weed. Just keep on hand some extra seed. And plant some every week or two, For fresh supply so crisp and new.

SALSIFY Prepaid



(Vegetable Oyster.) Pkt. 10c; oz. 40c.

TOMATOES Prepaid



Beauty (Livingston.) Medium. Smooth, prolific, purplish red. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.90.

Bonny Best Bright scarlet. Early. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.

Chalk's Early Jewel Deep red. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.80.

Earliana Earliest red. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.

Early Red Head Real early tomato of medium size, round. Pkt. 10c; ½ oz. 40c; oz. 70c.

John Baer Large early scarlet. Big yielder. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.80.

Marglobe Large, smooth, solid, bright red, resistant wilt. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.80.

"Penn State" Rich scarlet. Foliage covers fruits which set in clusters. Shape almost spherical. Early. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$1.90.

Ponderosa Largest of all tomatoes. Pkt. 10c; ½ oz. 40c; oz. 75c.

Prichard (Scarlet Topper.) Solid brilliant red. Heavy yielder. Medium early. Disease resistant. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.80.

Yellow Pear Small pear-shaped tomato for preserving. Pkt. 10c; ½ oz. 35c; oz. 70c.

Ground Cherry (Husk Tomato.) Each fruit in husk. Sweet and fine for preserving or pies. Yellow fruits. Pkt. 10c; ½ oz. 35c; oz. 70c.

In days when folks liked early risin' Tomatoes were considered pizen. But now they're put to many a use. For health, they're good as orange juice. (But don't quote me in California.)

The Tomato is a warm weather plant. Set main crop after danger from frosts. Is worth the extra care, covering plants cold nights, to set a few early, but don't risk ALL your crop early.

Set plants **DEEP**, so half to two-thirds the plant is in the ground. Roots will form along covered stem.

Try sowing a few Tomato seeds right out in garden after soil nice and warm. You'll be surprised.

Beans, Corn, Peas. Larger Lots, Lower Prices

BEANS: Giant Stringless Green Pod, Kentucky Wonder.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.49	\$1.53	\$1.60	\$1.69	\$1.76	\$1.87	\$1.96
10 lbs.....	2.79	2.88	3.03	3.21	3.37	3.58	3.77
25 lbs.....	6.56	6.79	7.17	7.63	8.05	8.57	9.07

BEANS: Burpee's Bush Lima, Henders on Lima.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.44	\$1.48	\$1.55	\$1.64	\$1.71	\$1.80	\$1.84
10 lbs.....	2.69	2.78	2.93	3.11	3.27	3.48	3.67
25 lbs.....	6.36	6.59	6.97	7.43	7.85	8.37	8.87

BEANS: Brittle Wax, Tendergreen.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.84	\$1.88	\$1.95	\$2.04	\$2.11	\$2.20	\$2.24
10 lbs.....	3.39	3.48	3.63	3.81	3.97	4.18	4.37
25 lbs.....	7.86	8.09	8.47	8.93	9.35	9.87	10.37

SWEET CORN: G. Bantam, Ea. Sunshine, Gold. Ea. Market.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.44	\$1.48	\$1.55	\$1.64	\$1.71	\$1.82	\$1.91
10 lbs.....	2.69	2.78	2.93	3.11	3.27	3.48	3.67
25 lbs.....	6.36	6.59	6.97	7.43	7.85	8.37	8.87

SWEET CORN: Golden Cross Bantam Hybrid.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$2.24	\$2.28	\$2.35	\$2.44	\$2.51	\$2.62	\$2.71
10 lbs.....	4.19	4.28	4.43	4.61	4.77	4.98	4.17

PEAS: Alaska, Ameer, Dwarf Telephone, Everbearing, Giant Stride.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.29	\$1.33	\$1.40	\$1.49	\$1.56	\$1.67	\$1.76
10 lbs.....	2.29	2.38	2.53	2.71	2.87	3.08	3.27
25 lbs.....	4.06	5.29	5.67	6.13	6.55	7.07	7.57

PEAS: Alderman, Edible Pod, Laxtonian, Little Marvel.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.34	\$1.38	\$1.45	\$1.54	\$1.61	\$1.72	\$1.81
10 lbs.....	2.39	2.48	2.63	2.81	2.97	3.18	3.37
25 lbs.....	5.36	5.59	5.97	6.43	6.85	7.37	7.87

ANY OBVIOUS PRICE ERRORS IN THIS CATALOG ARE CANCELLED

"Full Meal" Tablets for Better Plants

"Full Meal" Tablets



FULTON'S PLANTABBS provide all of the food elements essential to stimulate healthy plant growth, increase vigor and blooms, plus Vitamin B₁ and root-producing hormones.

A complete, balanced food and tonic for everything that grows in soil. Safe to use, guaranteed not to burn. Each tablet is a FULL MEAL and may be either planted in the soil like seed or dissolved and used as a rich liquid fertilizer.

Clean, odorless, convenient. Use Fulton's Plantabbs and enjoy the finest plants, flowers and vegetables you ever had.

30 Tablets.....25c 200 Tablets...\$1.00
75 Tablets.....50c 1000 Tablets...\$3.50

"Full Meal" Tablets

Large ECONOMY Size
1000 Tablets, \$3.50

Many who started buying "FULL MEAL" Plantabbs in smaller lots, now order this large can, of about 1000 Tablets.

(Note the SPOUT at side of can.)

No spoilage, no shrinkage, no loss. Keep a supply on hand. Next best buy is the \$1.00 size.



"BLACK LEAF 40"

For lice and other soft body plant pests.
Ounce Pkg. 35c; 5 oz. \$1.10. Prepaid.

CUBOR DUST "75"

One of the best for both chewing and sucking insects. A "2-IN-1" dust. Lb. 35c; 4 lbs. \$1.00, prepaid within 4th zone only.

Wettable Dusting Sulphur

Used mainly for tomato plants. Apply either in dust or liquid form. Lb. 25c; 5 lbs. \$1.00. Prepaid in 4th zone.

VITAMIN B₁ Applied by Hose

Vitamist
Cartridges

30 for
\$1.00



Luxuriant Lawns and Gardens

THIS NEW
EASY WAY



NO SPECIAL
NOZZLE
NO SPRAYER
NO EXTRA
ATTACHMENTS
TO BUY

VITAMIST

VITAMIZE
AS YOU SPRINKLE

NEW—simple, easy, quick way to VITAMIZE your entire lawn and garden. Assure yourself of gorgeous, luxuriant flowers and a beautiful, attractive lawn that will be the envy of your friends and neighbors.

NO FUSS—NO MESS—NO BOTHER

Simply remove the nozzle from your garden hose, drop a VITAMIST Cartridge into the hose, replace the nozzle and turn on the water. NOTHING ELSE LIKE IT. One Cartridge will VITAMIZE 1,500 square feet.

THIRTY WEEKS' SUPPLY . . . Postpaid
Packed 30 cartridges in a box—enough to VITAMIZE 1,500 square feet once a week for 30 weeks.

\$1.00

ASTERS

Packet Aster Prices

All Asters, at 10c a Packet.

Bulk Aster Prices

All Asters at: $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.



Boulderado Beauty The flowers are immense, fully double, on long straight stems.
 Shell Pink Lavender White
 Rose Pink Purple Mixed

Early Royal Long, strong stems. Same form as Boulderado Beauty.
 White Shell Pink Lavender
 Purple Rose Pink Mixed

Ostrich Feather Large blooms. Petals curved and twisted. A bouquet resembles ostrich plumes.
 White Peach Purple
 Deep Rose Lavender Mixed

California Giants strong stems, flowers large, heavy substance, long graceful petals curled and twisted like a chrysanthemum. Real Giants.
 White Rose Pink Mixed
 Lavender Purple

Los Angeles Lovely shell pink. The mammoth fluffy flowers are deep and full centered.

El Monte Similar to Los Angeles, but deep glowing crimson.

Sunshine Improved Giant California. Single. Mixed colors.

Heart of France Large, deep red. long stems.

Long's Super-Mixed Asters

A "Long-Season" mixture of all types and colors, early, medium, and late

Culture Not necessary to start the plants inside. Sow outdoors from real early spring to well into May. Cover one-fourth inch. Thin or transplant to 6 to 10 inches. The "yellows", is caused by tiny hoppers that carry this disease. No cure. Growing under cloth prevents yellows. Asters thrive best in a little shade. East side of a building seems to suit them fine.

ACROCLINIUM

"Everlasting Flower"

NEW LARGE-FLOWERED HYBRIDS

Showy annuals. Easy to grow. Can be dried for winter. Pastel mixture. Largely double. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

"Butterfly Flower"

Schizanthus Grandiflora Mixture. Full range of color combinations. Finest strain. Pkt. 15c.

AGERATUM (Annual)

BLUE BALL. Deep rich blue. Pkt. 10c.
BLUE CAP. Very dwarf. Bright blue. Pkt. 15c.
DWARF WHITE. About 8 inches. Pkt. 10c.

SWEET ALYSSUM

Alyssum's a border plant,
 Both on the level or a slant.
 The cost of seed is never much,
 It gives your beds a finished touch.

"BASKET OF GOLD." (Perennial.) Golden yellow, 9 to 12 in. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

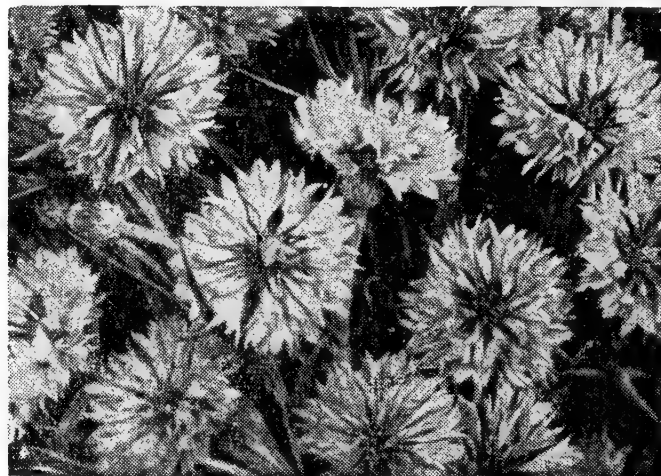
"CARPET OF SNOW." Only 3 inches high. Each plant spreads out like a pancake. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

"LITTLE DORBIT." 4 to 5 inches tall, sweet scented white flowers. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

"VIOLET QUEEN." Pkt. 15c; $\frac{1}{4}$ oz. 45c.

Anchusa (*Italica* Dropmore.) Peren. Tall. Sky-blue. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

Anchusa (*Blue Bird*.) Annual. Might be called a Giant Forget-Me-Not. Pkt. 15c; $\frac{1}{4}$ oz. 30c.



BACHELOR'S BUTTON

(*CENTAUREA CYANUS*)

PRICES: Any color, or Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

BLUE BOY. Rich blue. Fine for cutting.

BLACK BOY. Large blackish maroon.

PINKIE. Deep pink. Keeps well cut.

RED BOY. Deep red. Oh, Boy!

SNOW MAN. "What's in a name?" White.

MANY COLORS MIXED. Super fine.

Jubilee Gem Compact plants. Double blue flowers. Pkt. 10c.

The Bachelor Buttons grandma grew
 Had petals short and mighty few.
 You grow them now with little trouble—
 So tall and strong, and fully double.

Baby Blue Eyes (Nemophila.) Fast growing, early blooming annual. 6 to 8 inch plants bear lovely cup-shaped, sky-blue flowers. Pkt. 10c.

BABY'S BREATH—See Gypsophila

Balsam (LADY SLIPPER.) Grows quickly from seed. Brilliant flowers. Also called "Touch-Me-Not."

DOUBLE MIXED. Pkt. 5c; ¼ oz. 25c.

The Balsam, known as "Touch-Me-Not,"
Is seldom grown, almost forgot,
Yet children have a lot of fun—
They pinch the pods, then off they run.



Calendulas

Campfire Double orange. Scarlet sheen. Pkt. 15c; ½ oz. 40c.

Orange Shaggy Informal. Pkt. 10c; ½ oz. 30c.

Apricot Queen Double Apricot. Pkt. 10c; ½ oz. 25c.

Lemon Queen Double lemon. Pkt. 10c; ½ oz. 25c.

Masterpiece Large deep orange, brown center. Extra long stem. Pkt. 15c; ½ oz. 40c.

Nankeen Double cream. Pkt. 10c; ½ oz. 25c.

Orange King Florist's Giant Strain. Pkt. 15c; ½ oz. 40c.

COLLECTION

1 Pkt. each above seven varieties of Calendulas, value 85c, postpaid for.....

70c

FINEST MIXED CALENDULAS. Grand mixture of types and colors. Pkt. 10c; oz. 30c.

CALIFORNIA POPPIES

(ESCHSCHOLTZIA)



Brilliant Mixture Best kinds. Grand. Pkt. 10c; ¼ oz. 25c.

Copper Bowl Bronzy-red terracotta. Pkt. 10c; ¼ oz. 40c.

Geisha Brilliant. Outside scarlet. Inside orange. Pkt. 10c; ¼ oz. 35c.

Golden West Orange. Single. Lovely. Pkt. 10c; ½ oz. 25c.

Persian Rug Mixture Suggests a beautiful Persian rug. Pkt. 15c; ¼ oz. 40c.

Ramona Golden bronze - rose - copper. Frilled. Pkt. 15c; ¼ oz. 40c.

Salmon Beauty Beautiful salmon. Pkt. 10c; ¼ oz. 40c.

Vesuvius Rich, glowing, striking red. Pkt. 10c; ¼ oz. 35c.

California Poppy Collection

One packet each of all the above California Poppies75c

Calliopsis Showy flowers. Best colors, mixed. Pkt. 5c; ½ oz. 20c.

Candytuft FINE MIXTURE. Pkt. 5c; ½ oz. 25c.

GIANT HYACINTH-FLOWERED CANDY-TUFT. Pure white. Pkt. 10c; ¼ oz. 25c.

Canterbury Bells

ANNUAL CANTERBURY BELLS

Bloom from seed in less than six months. Plants 2 to 2½ feet tall. 6 to 8 spikes of blooms.

ANGELUS BELL. Deep rose. Pkt. 15c.

LIBERTY BELL. Violet-blue. Pkt. 15c.

WEDDING BELL. Pure white. Pkt. 15c.

MIXED COLORS. Pkt. 15c; ½ oz. 25c.

Canterbury Bells

Biennial "Cup and Saucer" Type

DARK BLUE
LIGHT BLUE

ROSE
WHITE

Prices: Any color or all mixed, Pkt. 10c.

You're asking me? I hope to tell
We HAVE the Canterbury Bell.
We sell the "Cup and Saucer" strain,
And annual kinds without a stain.

Hardy Carnation

Chabaud's Giants The new strain. Plants thickset; bearing large double blossoms.
COLORS: Red, Rose-pink, Salmon-rose, White. Separate colors: Pkt. 15c; 2 pkts. 25c. Mixed colors: Pkt. 10c.
MARGUERITE. Double fringed flowers. Fragrant. Mixed colors. Pkt. 10c; 1/8 oz. 25c.

Carnations thrive best under glass,
But can be grown with "garden sass."
In open garden they are grand,
And with protection, winters stand.

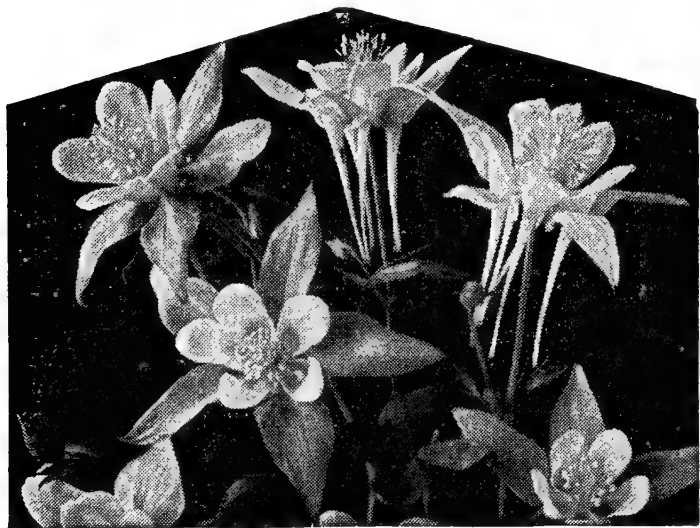
Castor Bean (Ricinus.) Pkt. 10c; oz. 80c.

The Castor Bean makes quite a tree,
Now here's a tip I'll give you free:
Plant Morning Glories at its base,
The vines with blooms will upward race.

Cathedral Bells (Cobaea Scandens). Rapid, attractive climber. Lovely lilac bell flowers. Pkt. 10c.

Celosia OSTRICH PLUME. Feathered Mixed. Pkt. 5c; 1/4 oz. 25c.

Crested Coxcomb Dwarf plants with bright red combs of immense size. Pkt. 10c.



Columbine—Rocky Mountain

The State Flower of Colorado. Hardy perennial; sepals blue, petals white. Does best in partial shade. Plant early. Pkt. 15c; 1/8 oz. 50c.

Oh, Rocky Mountain Columbine,
Please be my lovely Valentine!

Columbine—Rainbow Blend

An unsurpassed strain in habit, vigor of growth, length of spur and size of flower. Brilliant colors. Pkt. 25c; 1/8 oz. 60c.

Our Rainbow Columbines delight,
With spurs so long and colors bright.

Chinese Forget-Me-Not

Rich blue. Blooms from seed in short time. Pkt. 10c; 1/2 oz. 30c.

Some folks we know are kinda sot,
They'd never plant Forget-Me-Not.
But if they knew how quick these grow
They'd plant the Chinese strain, I trow.

CLARKIA

Charming annual. Bushy plants 20 inches tall bear double flowers, resemble small carnations. Very pleasing for table bouquets. Buds will open after cutting, and last for days in vase.

Alba Long spikes, large double white flowers. Pkt. 10c.

Brilliant Fine rich crimson-scarlet. Pkt. 10c.

May Blossom Bright pink double. Pkt. 10c.

Purple Prince Rich deep purple. Pkt. 10c.

Orange King Bright orange-salmon. Pkt. 10c.

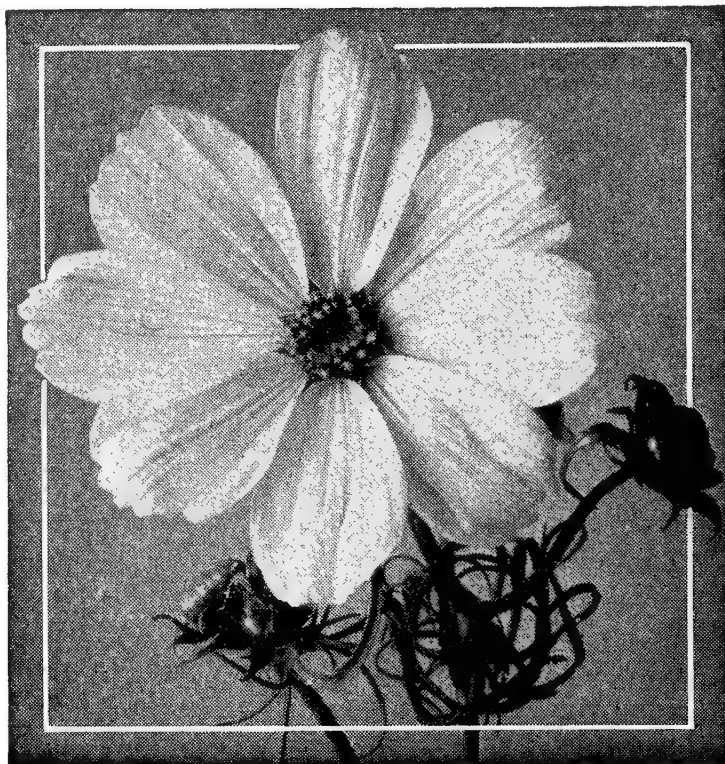
Salmon Queen Rich salmon-pink. Pkt. 10c.

Double Mixed Clarkia A fine mixture of rich colors. Pkt. 10c; 1/4 oz. 40c.

The Clarkia makes a compact plant,
Its blooms cause folks to rave and rant.
Because indoors they last so long,
They make your life one glad sweet song.

Colorful Cosmos

(SENSATION Strain Is Especially Fine)



Sensation Pinkie A giant rose-pink. An early bloomer. Long strong stems. Pkt. 15c; 1/4 oz. 25c.

Sensation Purity A colossal white similar to Pinkie except for color. Pkt. 15c; 1/4 oz. 25c.

Sensation Crimson A new color in the super-size Cosmos. Pkt. 15c; 1/4 oz. 25c.

Sensation Mixed Splendid. Pkt. 10c; 1/2 oz. 35c.

Orange Flare Early deep vivid orange. Pkt. 10c; 1/4 oz. 25c.

Early Giant Early, large and a rapid grower. Comes in Pure White, Rich Crimson, Lovely Pink, or Mixed Colors. Pkt. 10c; 3 pkts. 25c; 1/2 oz. 30c.

Special Collection

1 pkt. each, Pinkie, Purity, Crimson Sensation, Orange Flare **50c**

THE J. D. LONG SEED COMPANY
BOULDER, COLORADO

Name _____

§ _____

Street _____

P. O. Box _____ R. D. No. _____ Box _____

Date _____

Postoffice _____ 19 _____

State _____ Express Office _____

[illegible]

**Use other side of this Order
Blank for additional items**

Carry this amount to next page

TOTAL

ORDER BLANK—Continued

[illegible]

SHALL WE SUBSTITUTE? If cannot supply kind ordered, shall we send another, subject to your approval? Your answer_____

DOES YOUR NEIGHBOR WANT A CATALOG?

Please give name and address here:



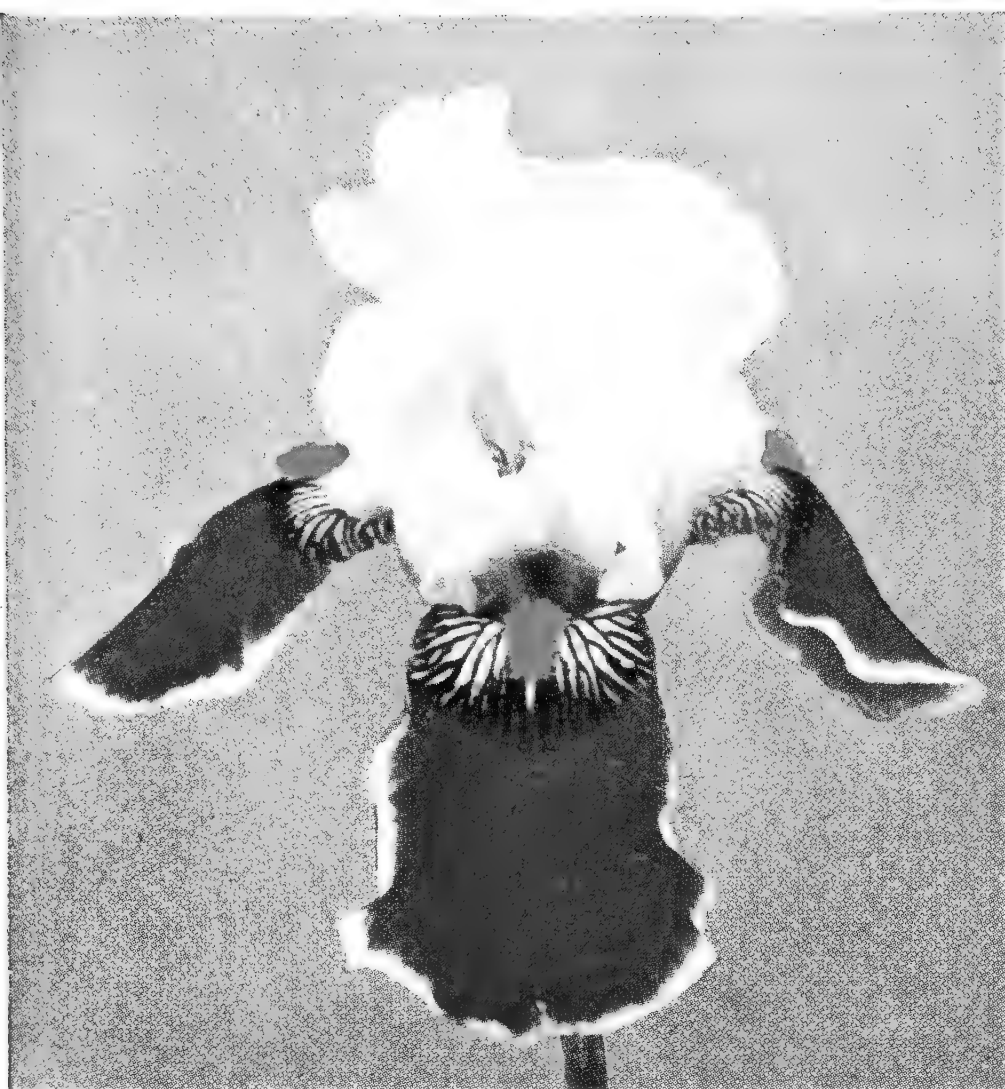
IRIS--Morocco Rose

The popular mammoth rose-pink, with soft yellow heart. Originated by Dr. Loomis, at the foot of Pike's Peak, Colorado. Prices reduced for 1947 crop.

Each \$1.00—Three for \$2.50. Prepaid.

(Delivery from new crop, July to September)

Write IRIS order on separate sheet.



EXQUISITE WABASH, Dykes Medal, \$1.00



COLOSSAL ELMOHR, Latest Dykes Winner

Delightful Dazzling Iris

BUFFAWN. Giant blend
CHINA MAID. Pink-gold
CHOSEN. Mammoth yellow
CITY OF LINCOLN. Red-gold
ELSA SASS. Lemon-cream
GARDEN MAGIC. Velvet red
GOLDEN GLOW. Grand yellow
GOLDEN MAJESTY. Giant gold
GRACE MOHR. Colossal lilac
JAKE. Grand white (Jacob Sass)
LAKE HURON. Nice blue self
LOUVOIS. Chocolate-maroon
MARISHA. Lovely pink blend
MATULA. Apricot-buff-pink
MODISTE. Beautiful lilac pink
MOROCCO ROSE. Mammoth pink
NYLON. Coppery tan
ORMOHR. Giant lilac-lavender
PATRICIA. Sparkling white
RADIANT. Bronze-copper-red
RED SAILS. Chestnut red
SHAWANO. Brilliant yellow
VAGABOND PRINCE. Near black
WABASH. See illustration

Any above, alike or assorted, not over
6 of a kind

6 for \$4.80	18 for \$11.70
12 for 8.40	24 for 14.40

(Delivery July to Sept.)

Dandy Dozen Colorful Iris

ARCTIC. Giant white-gold
BROWN BOY. Near brown
ELMOHR. Sensational wine-red
FLORA CAMPBELL. Red-peach
FLORA ZENOR. Peach-pink
GOLDEN SPIKE. Mammoth gold
GRAND CANYON. Bronze blend
MELANIA. Fine tall pink
MONADNOCK. Giant rose-pink
OLD PARCHMENT. Tan-buff
ORANGE FLAME. Gold-copper
RED GLEAM. Scarlet-red

Any above 12, alike or assorted, not
over 3 of a kind:

3 for \$4.80	9 for \$11.70
6 for 8.40	12 for 15.00

(Delivery July to Sept.)

Beautiful "ELMOHR"

Originated in Colorado by Dr. P. A. Loomis. Introduced by Long's Gardens.

Each \$2.00, 3 for \$5.00

(Delivery July to Sept.)

ALL IRIS PREPAID IN U
Write IRIS order

JD Sez, Sez 'e

These few Iris pages a sort of preview of our 1947 Summer Iris list to be sent you about May 1st.

Will have nearly 200 choice varieties to offer for delivery from early July to Sept. None shipped in Spring.

But you may order any of the splendid kinds in these three pages, any time. A 25% payment will definitely hold for you the kinds you order now.

Please write your IRIS order on separate sheet. Payment may be included with remittance for anything else you may order. One check or M. O. for all.

More About Elmohr

As I understand it, Elmohr is the most popular, the most praised Iris, the world over, today. Since no Dykes awarded, 1946, Elmohr is still the latest Dykes winner.

Introduced at \$25.00, it has come down in price faster than any other Dykes winner I know of. This because it has been one of our fastest propagators. And so hardy. Never gave even one plant any winter protection.

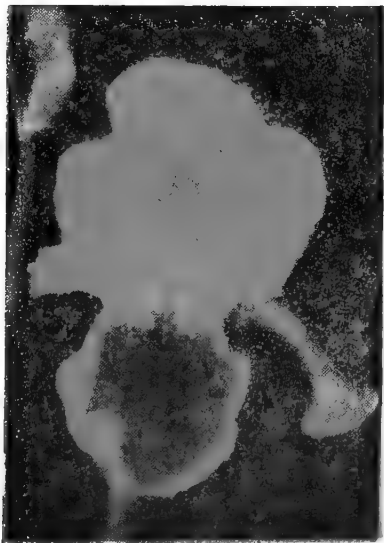
Elmohr a rare combination of size, beauty and "rugged individualism."

It's tops, from "Top o' the World".

No 1946 Dykes

Account Daybreak and Ola Kala receiving same number of votes, no Dykes awarded. Two grand Iris.

—J. D. LONG



CITY OF LINCOLN

Largest, brightest, finest of all variegatas.

Gold standards. Broad fiery red falls, edged gold. A Hans Sass masterpiece. Above "thumb nail" illustration far from actual beauty.

Each, \$1.00. 3 for \$2.50

S. A. AND CANADA
on separate sheet.



Golden Fleece

A Jacob Sass Iris, introduced by Mrs. Whiting, 1940, at \$50.00 each.

Standards lovely yellow, far more charming than shown above. Falls creamy white with band of gold. As Robert Schreiner says, "A bewitching creation without mar or blemish."

Each \$3.00, 3 for \$7.50
(Delivery July to Sept.)

GLADIOLUS

"Marguerite"

Originated by Ralph J. Pommert, who describes this exquisite Glad: Clear watermelon pink, with cream throat. Parentage: Picardy x Wurtembergia.

TALL AND STRAIGHT. Have never seen a crooked spike nor a flecked floret.

STRONG AND STURDY STALK that does not lay down. Long flower-head that will open about the same number as Picardy.

FLORETS OPEN PERFECTLY when cut in the tight bud, and hold their size well to the tip. Very attractive under artificial light.

UNDER GOOD AMATEUR CULTURE it has been grown six feet tall, with florets in proportion. Early mid-season bloomer.

A BLUE RIBBON WINNER at many of the large eastern shows. End of quotation.

NOW I'LL ADD MY TWO-BITS' WORTH. If I were allowed to grow just one Glad, the chances are I'd choose Marguerite.

As with Iris, many Glads excel in size OR beauty. Difficult to find one that combines both these prized qualities. But, like Elmoir Iris, this Glad, Marguerite, possesses BOTH size and beauty.—JD.

New Prices for 1946 crop "Marguerite"
Large Bulbs: 12c; 10 for \$1.00.
Medium Bulbs: 2 for 15c; 10 for 60c.

No. 1 Size Bulbs: 25 for \$2.60. Prepaid
No. 2 Size Bulbs: 25 for 2.20. Prepaid
No. 3 Size Bulbs: 25 for 1.60. Prepaid

No. 1 Size Bulbs: 100 for \$9.00. Prepaid
No. 2 Size Bulbs: 100 for 7.00. Prepaid
No. 3 Size Bulbs: 100 for 5.00. Prepaid
Following Prices Not Prepaid

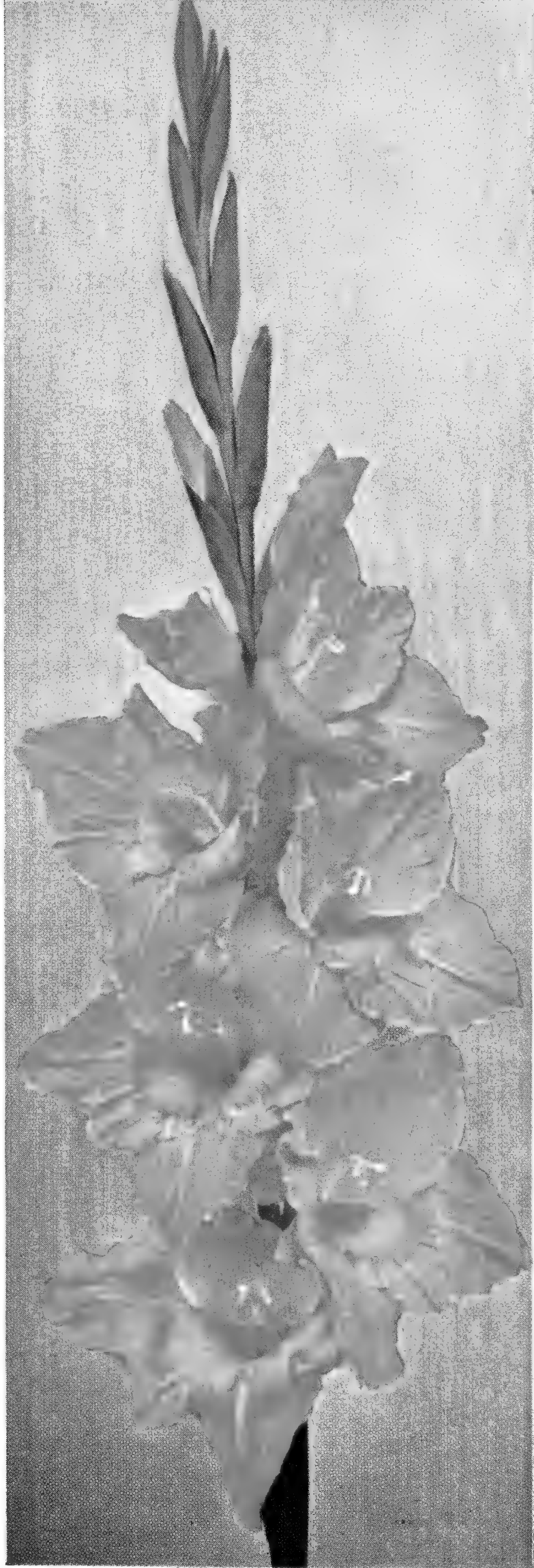
(You Pay Express Charges)

No. 1 Size Bulbs: 25 for \$ 2.30
No. 2 Size Bulbs: 25 for 1.90
No. 3 Size Bulbs: 25 for 1.50

No. 1 Size Bulbs: 100 for \$ 8.00
No. 2 Size Bulbs: 100 for 6.40
No. 3 Size Bulbs: 100 for 4.40

No. 1 Size Bulbs: 1000 for \$66.00
No. 2 Size Bulbs: 1000 for 56.00
No. 3 Size Bulbs: 1000 for 40.00

(Delivery January to June)



Marguerite

THE J.D. LONG SEED COMPANY
BOULDER, COLORADO

Amount Enclosed

P. O. Box _____ R. D. No. _____ Box _____

Date _____

Postoffice _____ 19

State _____ Express Office _____

[illegible]

**Use other side of this Order
Blank for additional items**

Carry this amount to next page

TOTAL

ORDER BLANK—Continued

QUANTITY	NAME	VARIETY	Amt. Brought Forward	
Total Amount Enclosed →				

SHALL WE SUBSTITUTE? If cannot supply kind ordered, shall we send another, subject to your approval? Your answer_____

DOES YOUR NEIGHBOR WANT A CATALOG?

Please give name and address here:

HARDY DELPHINIUMS



Sow outdoors early in spring. Plants live over winter, increase in size and vigor.

The forms are as varied as the colors, many blossoms with a double set of petals, the two sets often different in color.

Pacific Giants Mixed

Huge flowers beautifully spaced on well branched spike. Thin woody stems. Practically all double. Mildew resistant to a large degree. Doubtless the most spectacular strain to date. Mixed colors, in charming variety. Pkt. 25c; 1/8 oz. 80c.

Pacific Giants in Colors

White (Galahad) Lavender Shades
Clear Light Blue Dark Blue Shades
Any these 4 colors, Pkt. 35c.
SPECIAL: One Pkt. each the 4 for \$1.00.

Belladonna Turquoise-blue, single flowers. Pkt. 15c.

Bellamosum Like Belladonna but rich deep blue. Pkt. 15c.

J. D.'s Special Mixture

Seed from fine exhibition plants. Many types, colors and shades, including Pacific Giants. Mixed: Pkt. 25c; 1/8 oz. 70c.

No Delphinium Plants

Grow your own plants by sowing the seed outdoors EARLY in spring. Many of the plants will bloom this season.

All Dels should bloom the second year,
But here's some news that's good to hear.
If sow the seed in EARLY spring,
Some blooms you'll pick first year, by jing.

Dahlia Seed LONG'S SPECIAL MIXTURE. Pkt. 25c.
LONG'S PROFESSIONAL MIXTURE. Seed saved from the finer varieties. Pkt. \$1.00.

African Daisies (Annual)

GOLDEN AFRICAN. Orange-gold with black zone around center. Pkt. 10c; 1/4 oz. 30c.

AFRICAN HYBRIDS. Many colors, mixed. Pkt. 10c; 1/4 oz. 30c.

Painted Daisies

These Painted Daisies (Single Annual Chrysanthemums) are splendid for cutting. ALL COLORS MIXED. Pkt. 10c; 1/4 oz. 25c.

Shasta Daisy White perennial. Pkt. 10c; 1/4 oz. 30c.

Evening Primrose blooms from seed sown early spring to June. The large yellow, fragrant blooms open at twilight. Pkt. 10c; 1/2 oz. 30c.

Evening Scented Stock Beautiful flowers, emitting a delightful perfume in the evening. The seed pods have two "horns." Pkt. 10c; 1/2 oz. 25c.

Now if you crave a pleasant shock,
Sow seed of Evening Scented Stock.
Delightful fragrance yours each eve,
And funny seed pods blossoms leave.

Favorite Flax Flowers

Scarlet Flax (LINUM.) Bright red Annual. Pkt. 10c; oz. 35c.

Blue Flax (Perennial) About 2 feet high. Has dainty sky-blue flowers on graceful stems, in great profusion, over a long period. Pkt. 15c; 1/4 oz. 25c.

Perhaps you're sad and feeling blue,
Then grow some Flax of that same hue.
Its blooms you see for many weeks,
May bring a smile back to your cheeks.

"Forget-Me-Not" Hardy perennial. Blooms first year. Color blue. Pkt. 10c.

Four o'Clock Good old-fashioned easy-to-raise flowers. Mixed colors. Pkt. 10c; 1/2 oz. 25c.

The Four O' Clock's a dual plant.
Try beat it for a hedge—you can't.
And when that hedge bursts into bloom,
For more these blooms there isn't room.

Fox Glove Tall perennial with spikes of vari-colored and spotted tube-like flowers. Pkt. 10c.

Gaillardia Portola Hybrids. Shades of bronzy-red, golden tipped. Very robust. Pkt. 10c.

Geranium Perennial blooming first year from seed if started early. Fine mixed. Pkt. 15c.

Geum (Mrs. Bradshaw.) Perennial. Double orange-scarlet flower. Pkt. 10c.

Geum (Lady Stratheden.) Flowers golden yellow. Pkt. 10c.

GODETIA

Annuals. Sow Out Doors

Dwarf Double Azalea-Flowered. Sow same as asters. Thin to foot apart. Each plant makes a bush about a foot high. The big, beautiful pink blossoms with deeper centers just about hide the plant. Pkt. 15c.

Tall Double Brilliant flowers are attached along the stem and open from bottom to tip of stem, something like the Gladiolus. Can be cut in bud.

CRIMSON PINK ALL COLORS
LAVENDER WHITE MIXED.

Choice, any color, or mixed; tall. Pkt. 10c.

Godetias—longies and in shorts—
We have in many colored sorts.
The dwarf Azalea-flowered type,
And tall, their blooms without a stripe.

GOURDS Galore

Small Gourds

PRICES: All Gourds (except Crown of Thorns) at Pkt. 10c; oz. 40c.

BICOLOR. Half green. Half yellow.
EGG SHAPED. Used as nest eggs.
FLAT STRIPED. Green and white stripes.
HORNED CUCUMBER. As named.
ORANGE. Color and shape of an orange.
PEAR SHAPED MIXED.
SPOON. Ball shaped. Long neck.
WARTED. Mixed colors and shapes
SMALL MIXED. All shapes and colors.

Large Gourds

DIPPER. Grow your own dippers.
CALABASH. Pipe Gourd or Powder Horn.
DISH CLOTH. May be used like a sponge.
HERCULES CLUB. Enormous club-shaped.
LARGE MIXED. Variety of large sorts.

"CROWN OF THORNS"

Also known as **Finger Gourd**, **Gourd of the Ten Commandments**, **Sugar Bowl**. Pkt. 15c.

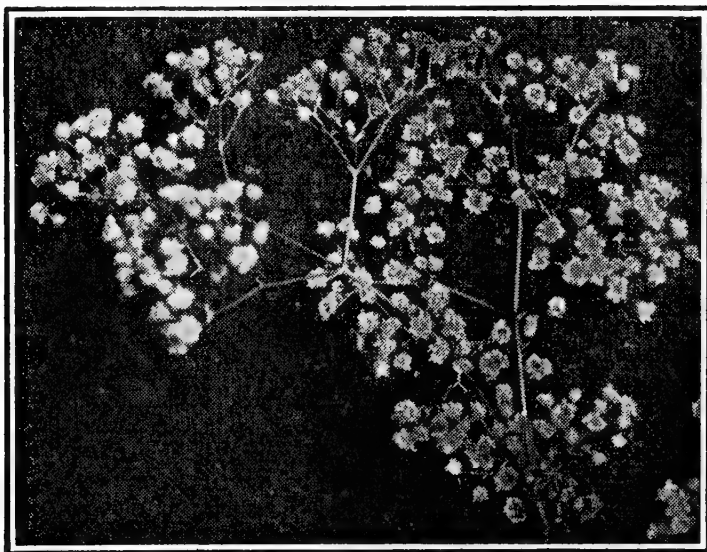
Gypsophila (Baby's Breath)

Graceful plants with tiny fairy-like flowers. For combining with sweet peas, etc.

ANNUAL WHITE. Sow this every few weeks for constant supply. Pkt. 10c; ¼ oz. 25c.

ANNUAL PINK. Same as above, but dainty pink. Pkt. 15c.

Let Baby's Breath, called "Gyp" for short,
Among your hardy plants cavort.
The annual strains in white and pink.
Burst into bloom quite soon, I think.



Double Gypsophila

PERENNIAL WHITE DOUBLE. About one-fourth come double flowers. Balance may be pulled out if not desired. The kind for drying for winter use. Pkt. 30c; 2 Pkts. 50c.

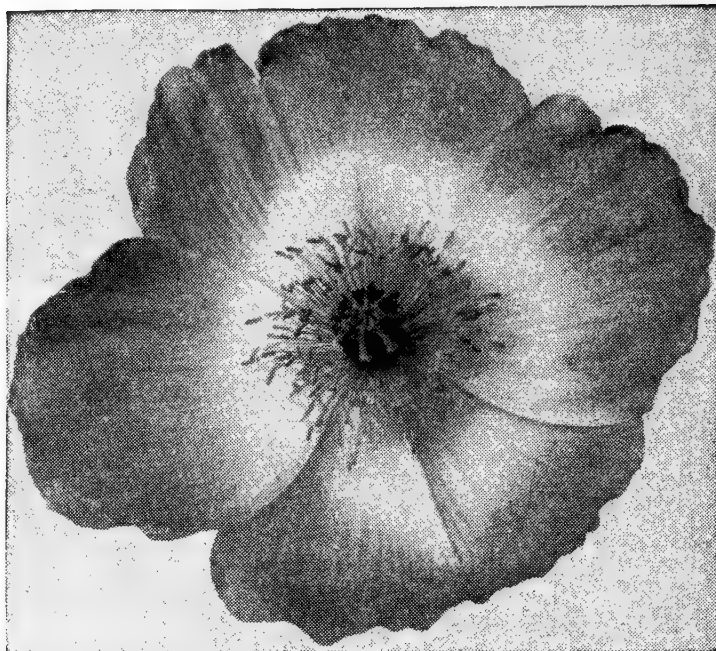
Jack be nimble. Jack be quick.

Jack pull weeds, before they're thick.

To learn a lot 'bout garden lore,

Talk not so much, but listen more.

Iceland Poppies



While Iceland Poppies are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.

Useful for cutting, for which purpose pick when in bud. If the seed pods are picked off, they continue in flower the entire season.

Imperial Jewels Most outstanding Iceland Poppy to date. Yellow, orange, pink, salmon, rose, red, and pastel shades, hues of apricot, buff, etc. "Flowers beautifully frilled and fluted, many semi-double, and all very large. Stems long, wiry and strong." Pkt. 25c; ½ oz. \$1.00.

"Pastel Shades" From New Zealand. A special mixture of pink, rose and pastel shades. Very lovely. Pkt. 25c; ½ oz. \$1.00.

El Monte Deep tangerine-orange, distinct in color from other lovely varieties. Tall. Large. Pkt. 15c; ½ oz. 60c.

Sanford's Giants A grand giant strain. Strong stems, giant blooms. Many lovely shades and tints, mixed. Pkt. 15c; ½ oz. 70c.

Sunbeams (Mixed.) A cross between Shirley and Nudicaule types. Shades of orange, salmon, maize and other tints. Pkt. 10c; ½ oz. 40c.

Yellow Wonder Rich lemon-yellow, giant blooms, with vivid silky sheen. Long stems. Showy in garden. Lovely for cutting. Pkt. 15c; ½ oz. 60c.

Iceland Poppy Collection

El Monte
Imperial Jewels
"Pastel Shades"
Sanford's Giants
Sunbeams, Mixed
Yellow Wonder

ONE PKT. EACH
(Value \$1.05) for

80c

The Iceland Poppy, dainty, frilled,

Doth thrive in heat, or weather chilled.

It blooms and blooms, then blooms some more.

And smiles at you, near your back door.

Kochia Foliage turns red in fall. Also called Mexican Fire Bush. (In some sections this spreads and becomes a pest.) Pkt. 10c; ½ oz. 25c.

Double Hollyhocks

Plant April to June. Bloom second year.

BLACK **NEWPORT PINK**
***COLORADO SUNSET** **RED (Grand)**
LILAC BEAUTY **WHITE**
MAROON **YELLOW**
 *"Colorado Sunset." A creamy-copper blend.
 Prices: Any color or mixed, Pkt. 10c; 3 Pkts.
 25c; ¼ oz. 50c.

Annual Hollyhock

Indian Spring A new true annual Hollyhock. The semi-double blooms range from pale pink to crimson-rose. Mixed. Pkt. 15c; 2 pkts. 25c.

Baby Snapdragons

(Linarias—Annual)



The dainty flowers resemble miniature Snapdragons. Blooms 8 weeks from seed. Thin to 8 inches.

EXCELSIOR, MIXED. Colors range through crimson and gold, pink, mauve, dark blue and chamois and rose. Pkt. 10c.

FAIRY BOUQUET. Greatly improved by more compact growth, and extra large flowers of a great variety of distinct colors. Very quick to bloom. Lovely mixture. Pkt. 15c.

Linarias, called "Baby Snaps,"
 Are liked by all, yes, even saps.
 They bloom while you are reading books,
 Or, on the air, hear "Baby Snooks."

Love-In-A-Mist (Nigella.) Rich blue double flowers amid feathery foliage. Pkt. 10c.

Marigold Legion of Honor. (Little Brownie.) Dwarf. Red and Gold. Single. Pkt. 10c; ¼ oz. 25c.

Mignonette **SPECIAL MIXTURE.** Fine. Pkt. 5c; ½ oz. 25c.

Li'l Ferdinand jest set and set,
 And smelled the fragrant Mignonette.

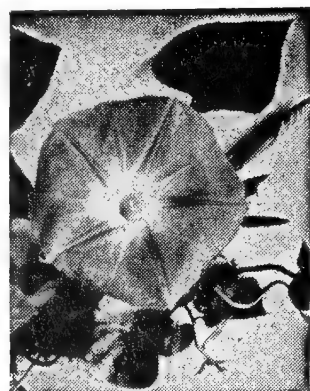
Ona's "Hit or Miss" A "Surprise" mixture of many kinds flower seeds—as one customer said, "It's all hit and no miss." Something new nearly every day after begins to bloom. Makes a hit with all who try it. Pkt. 10c; ¼ oz. 30c; ½ oz. 50c.

Here's something nice for ma and sis,
 It is our famous "Hit-or-Miss."
 Each morning something new is seen
 That pleases gals—and Harold Teen.

Mammoth Meandering Morning Glories



Cornell



Heavenly Blue

Mammoth "Heavenly Blue"

The most popular giant Morning Glory. Clarke's Early Strain, developed at Denver, is the kind we offer. The seed is produced here, a mile above sea level, thus retaining this early blooming trait. It's immense. And beautiful. Pkt. 10c; ½ oz. 40c; oz. 70c.

Mammoth New White

A sport from Mammoth "Heavenly Blue." Same in every way, except color. Early. Pkt. 10c; ½ oz. 50c; oz. 85c.

Mammoth "Cornell"

Color, red with white border, the colors of Cornell University—good old Cornell! Pkt. 15c; ¼ oz. 35c; ½ oz. 60c.

Crimson Rambler White throat. Free bloomer. Pkt. 10c; ¼ oz. 25c; ½ oz. 40c.

Mammoth "Scarlett O'Hara"

The large flowers are freely produced on fast growing vines. Pkt. 10c; ½ oz. 40c.

Mammoth "Pearly Gates"

"Something NEW Has Been Added"
 Shining all-white Enormous flowers. Pkt. 15c.

Red, White and Blue—25c

VICTORY COLLECTION. One Pkt. each Crimson Rambler, Mammoth White and Heavenly Blue. The 3 for 25c.

45c "Glory" Collection

One Pkt. Each!
 Scarlett O'Hara
 Heavenly Blue
 Mammoth White
 Cornell
 Crimson Rambler
 Rose Marie
 Total Value, 65c. Special 45c for all.

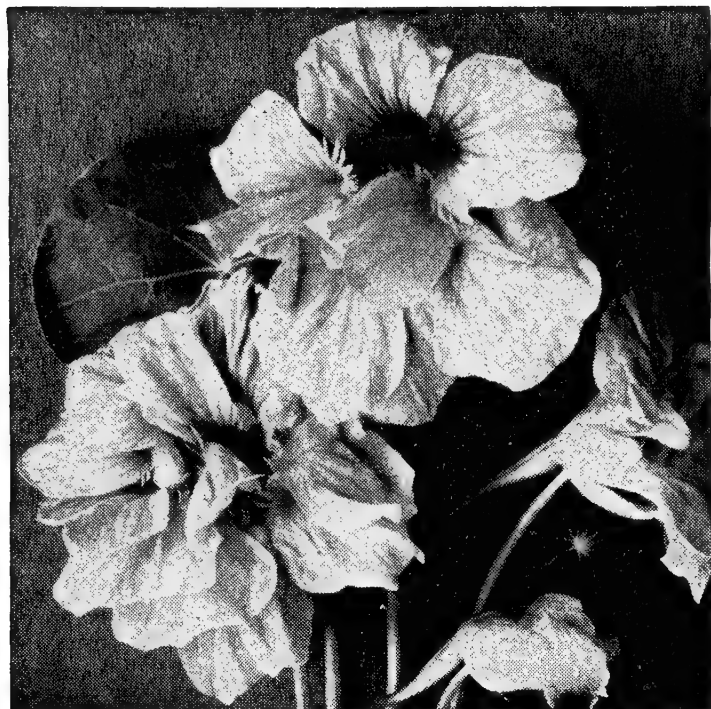
Double "Rose Marie"

Deep rose Morning Glory of medium size. Pkt. 10c; ¼ oz. 30c; ½ oz. 50c.

Tall Mixed Fine mixed Morning Glory. Pkt. 5c; oz. 20c.

Dwarf Mixed Good for beds or borders. Mixed. Pkt. 5c; oz. 25c.

Nasturtiums



Golden Gleam The original sweet scented double Nasturtium. Pkt. 10c; ½ oz. 20c.

Indian Summer A new orange-buff of the Gleam type, with dark foliage. Pkt. 10c; ½ oz. 25c.

Mahogany Gleam Dark Mahogany red of unusual color. Pkt. 10c; ½ oz. 25c.

Salmon Gleam A delicate golden salmon. Pkt. 10c; ½ oz. 25c.

Scarlet Gleam Immense blossoms of fiery orange scarlet. Pkt. 10c; ½ oz. 20c.

Double Gleam Hybrids A grand and glorious mixture. Pkt. 10c; ½ oz. 20c.

Golden Gem A vivid golden yellow. Plants dwarf and compact. Double. Pkt. 10c; ½ oz. 25c.

Ruby Gem Dwarf, compact plants covered with large, double, sweet-scented, bright ruby colored flowers. Pkt. 10c; ½ oz. 25c.

Double Gem Mixture Dwarf, compact plants. Sweet-scented blooms. Pkt. 10c; ½ oz. 20c.

Nasturtium Collections
1 Pkt. each above **70c**
½ oz. each above **\$1.50**

Nasturtium colors are a riot
When plants are put upon a diet.
Rich soil produces lots of vine,
But blooms are less, and lack that shine.

Nasturtiums, Tall—Single

Mixed. Pkt. 10c; 1 oz. 20c; ¼ lb. 60c.

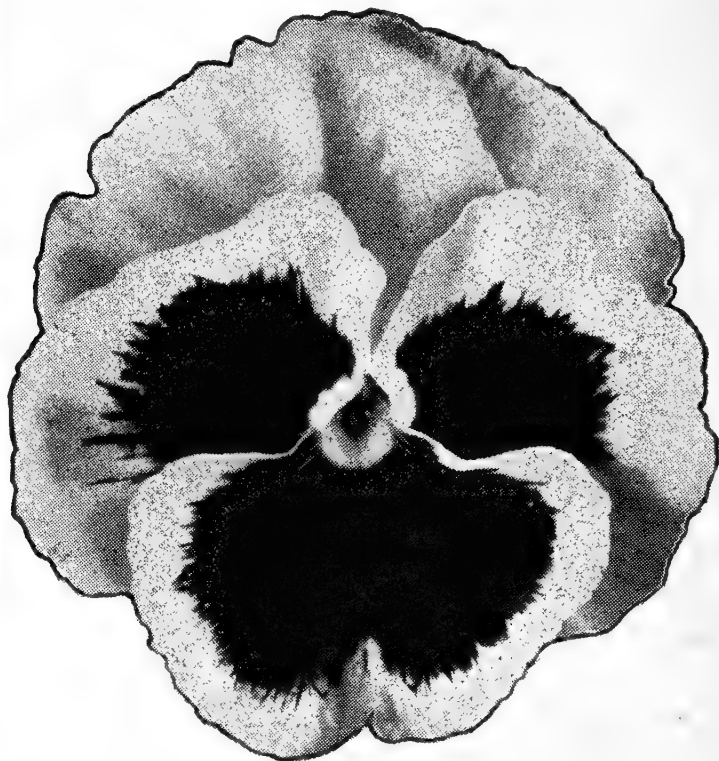
Nasturtiums, Dwarf—Single

Mixed. Pkt. 10c; 1 oz. 20c; ¼ lb. 60c.

Nicotiana (FLOWERING TOBACCO PLANT). Pkt. 10c.

Super Pansies

Our Mile High Pansies are a sight!
So big, so colorful and bright.



Canadian Giants (Improved Maple Leaf.) Leaves large and lush. Gigantic blooms, mixed. Pkt. 25c; ¼ oz. 75c; ½ oz. \$1.40.

Engelmann's Giants Mammoth. Charming. Mixed. Pkt. 25c; ¼ oz. 80c; ½ oz. \$1.50.

Geneva Giants A super strain of the Swiss Giant type mixed. Pkt. 25c; ¼ oz. \$1.00; ½ oz. \$1.80.

Mile-High Mixed Developed in Colorado. A winner in every state. Sturdy plants. Colossal blooms. Pkt. 25c; ¼ oz. \$1.00; ½ oz. \$1.80.

Mile-High Yellow The only separate color in Mile-High strain. Immense, with dark center. Pkt. 25c; ¼ oz. 90c; ½ oz. \$1.60.

JD's Super-Giants A well balanced mixture of our best mammoth strains. Pkt. 25c; ¼ oz. \$1.00; ½ oz. \$1.80; ¾ oz. \$3.00; 1 oz. \$5.00; 2 oz. \$9.00.

Swiss Blue Centers darker. Pkt. 25c; ¼ oz. 80c.

Swiss Reds Cardinal-garnet shades. Pkt. 25c; ¼ oz. 80c.

Swiss White Fine giant pure white. Pkt. 25c; ¼ oz. 80c.

Swiss Yellow Gold and yellow shades. Pkt. 25c; ¼ oz. 80c.

Swiss Mixed Pkt. 25c; ¼ oz. 75c; ½ oz. \$1.20.

Special Pansy Offers

(Alike or Assorted)

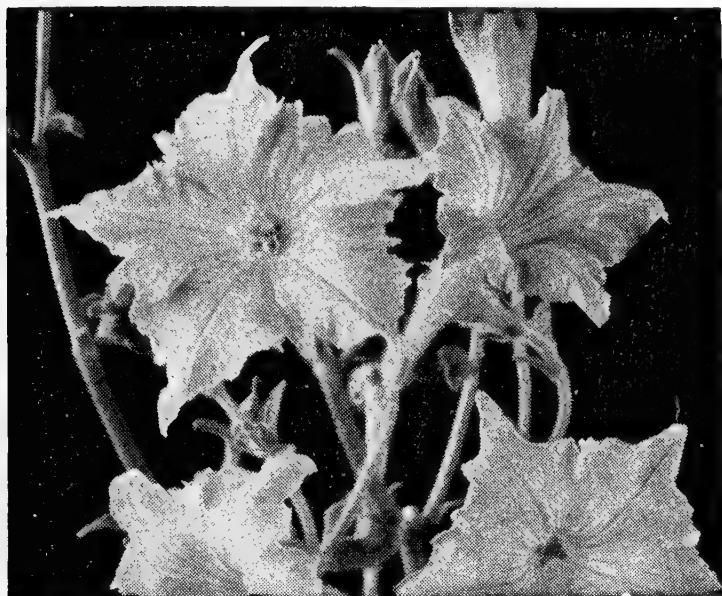
Five or more 25c Pkts. at 20c each.

Large Flowering Mixed

Pkt. 15c; ½ oz. \$1.00.

SUPERB PETUNIAS

Petunias short, Petunias tall,
They bloom and bloom till late in fall.
We have the largest that are grown,
As well as smallest ever known.



Hollywood Star 5 point star form. Rich rose. Pkt. 15c.

Topaz Rose Vivid rose, suffused gold, topaz throat. Pkt. 15c.

Rosy Morn Soft, rose-pink, light throat. Pkt. 10c.

White Queen Similar to Rosy Morn. White. Pkt. 10c.

Rose of Heaven Similar to Rosy Morn but deeper pink. Pkt. 10c.

Violet Petunia Beautiful deep violet. Pkt. 10c.

Miniature "Rose Gem" Compact. Pkt. 15c.

Martha Washington The plant grows about 9 in. tall. Blush pink. Center veined rich wine red. Throat dark violet. Pkt. 25c.

Choice Mixed Splendid mixture. A stunning array of colors. Pkt. 15c; 1/8 oz. 40c; 1/4 oz. 75c.

Balcony Petunias

Balcony White, Balcony Blue, Balcony Rose, Balcony Crimson, Balcony Mixed.

Any color or mixed: Pkt. 15c; 2 for 25c.

Giants of California

Wonderful colors and markings! Some delightfully ruffled and frilled. Pkt. 35c.

Pinks (DIANTHUS.) Hardy sweet scented annuals. Finest of all pinks. Great variety of colors. Pkt. 10c.

Seeds for Rock Gardens

Rock Garden Seeds. Annuals, in mixed varieties and colors. Pkt. 10c.

Rock Garden Seeds. Perennials, in mixed varieties and colors. Pkt. 20c.

Lovely Annual POPPIES

AMERICAN LEGION. Dazzling orange-scarlet; very large. An improved "Flanders." Pkt. 10c; 1/4 oz. 25c; 1/2 oz. 40c.

SHIRLEY. Single. Mixed. Pkt. 10c; 1/4 oz. 25c.

DOUBLE SHIRLEY ROSE. Pkt. 10c.

DOUBLE SHIRLEY SALMON. Pkt. 10c.

DOUBLE SHIRLEY MIXED. Pink, lavender, purple, crimson, etc. Pkt. 10c; 1/4 oz. 30c.

Oriental Perennial Poppies

Huge, brilliant flowers during May and June on plants 3 ft. tall. Color of flowers not 100% true from seed.

ORIENTALE. Bright orange-scarlet with purplish black center. Pkt. 15c; 1/8 oz. 25c.

SALMON SHADES. New. Very large blooms. 5 to 6 inches. Vigorous grower. 40 inches. salmon-pink shades. Pkt. 25c.

CHOICEST MIXED. Fiery red, scarlet, crimson, orange-scarlet, salmon and other colors mixed. Pkt. 20c.

NOTICE: With foreign opium sources cut off by war, Uncle Sam says cut out Carnation and Peony-flowered kinds, which teem with this drug.

Portulaca (ROSE MOSS.) SINGLE MIXED. Pkt. 10c; 1/8 oz. 25c.

Portulaca FINE DOUBLE MIXED. Pkt. 15c.

Novelty Portulaca—JEWEL

An extremely large flowered strain of glowing rich crimson. Very free flowering, producing a most striking and distinctive effect. Pkt. 25c.

Salpiglossis (VELVET TRUMPET.) Very showy plant with trumpet-shaped blossoms in rare combinations of color, beautifully marbled and penciled. Mixed colors. Pkt. 10c.

Salvia (SCARLET SAGE.) Standard bedding plant where brightness of color is wanted. Fiery red spikes. Pkt. 15c.

Hardy Perennial Blue Salvia

SALVIA AZUREA. 3 to 4 feet. Sky-blue. Blooms first year if seed sown early. Pkt. 20c.

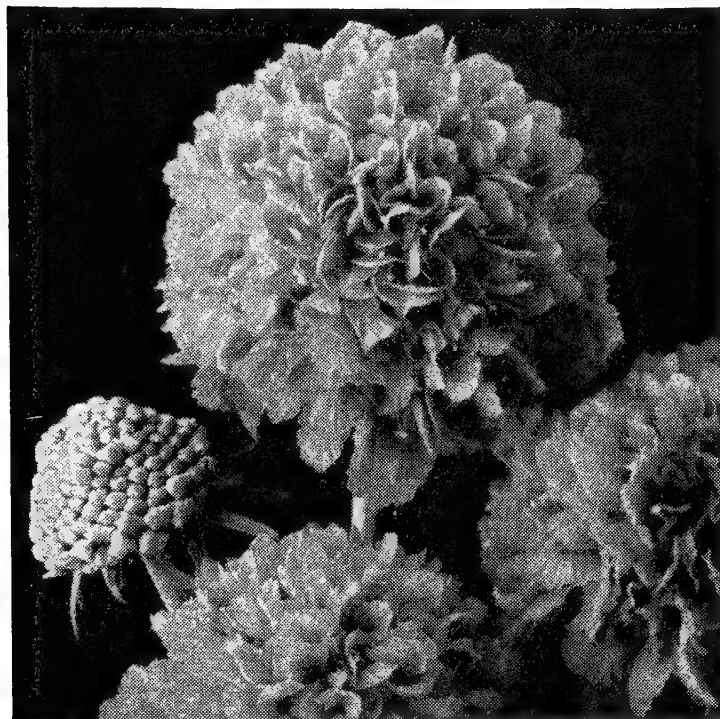
ANNUAL PHLOX

Salmon Glory The flowers are unusually large, up to 1 1/4 or even 1 1/2 inches across. (Thin to 12 inches for best results.) The color is pure salmon-pink, with creamy-white eye, one of the most beautiful combinations ever seen. Pkt. 25c.

Art Shades Blossoms very large, up to 1 1/2 inches, are produced on strong trusses of bushy plants. Grand range of pastel colors—salmon, apple blossom, rose, light blue, and other art shades. Pkt. 25c.

Grandiflora Many lovely colors. Mixed. Pkt. 15c.

SCABIOSA IMPERIAL GIANTS



"Blue Moon" The very large well-formed double flowers are composed entirely of broad frilly petals. Tall upright plants, long heavy wiry stems. Fine for cutting. **Pkt. 20c.**

Loveliness Shades of rose and salmon. **Pkt. 10c; ¼ oz. 30c.**

Orchid Shades Large, exquisite. **Pkt. 20c; ¼ oz. 50c.**

Rosette Giant deep rose. **Pkt. 15c; ¼ oz. 50c.**

Shasta Enormous snow white. **Pkt. 10c; ¼ oz. 25c.**

Salmon Beauty Huge. SALMON. **Pkt. 15c; ¼ oz. 60c.**

Giant Hybrids Giant flowers, mixed. **Pkt. 10c; ¼ oz. 40c.**

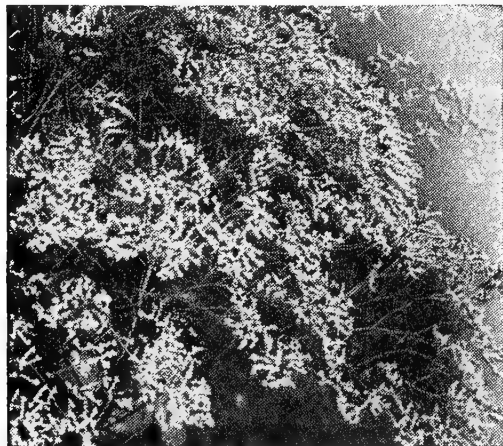
(All Scabiosas Above Are Annuals.)

COLLECTION

One Pkt. each above 7 Scabiosas, value \$1.00, postpaid for—

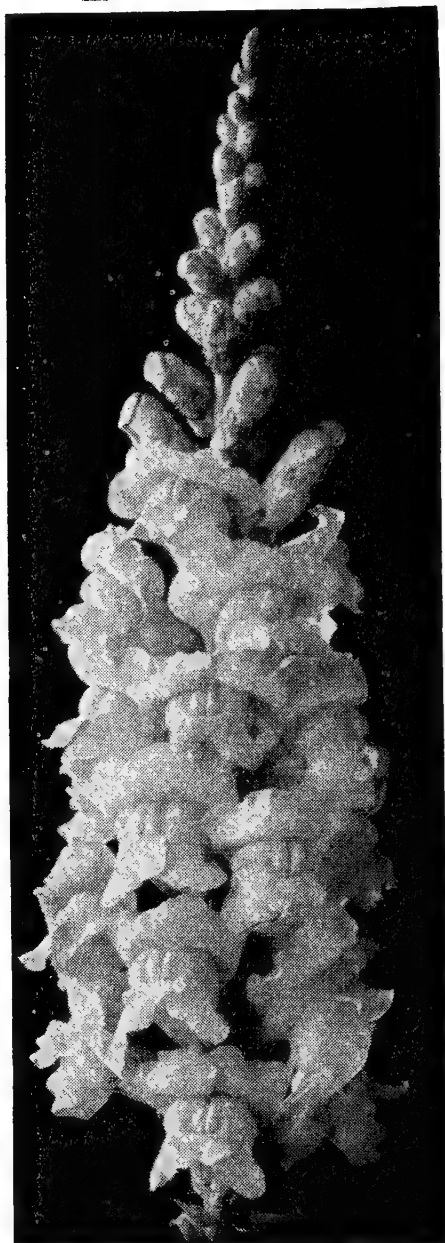
60c

STATICE (Sea Lavender)



Latifolia. Airy light blue. Known also as lavender Baby's Breath. Fine for combining with other flowers, especially with Glads. **Pkt. 10c; ⅛ oz. 35c.**

Super Giant RUST-PROOF Snapdragons



All are extra large, and include the cream of colors in this Giant Rust-proof Strain. They bloom first year from seed, as well as second.

ALASKA. New white. **Pkt. 15c.**

CANARY BIRD. Yellow. **Pkt. 15c.**

LOVELINESS. Rose pink. **Pkt. 15c.**

BONFIRE. Rich scarlet. **Pkt. 15c.**

COPPER SHADES. Many shades from copper-orange to coppery-gold. **Pkt. 15c.**

PINK SHADES. Pure shade of pink. **Pkt. 15c.**

SALMON SHADES. New colors. **Pkt. 15c.**

SUPER GIANT MIXED. Rustproof. **Pkt. 10c.**

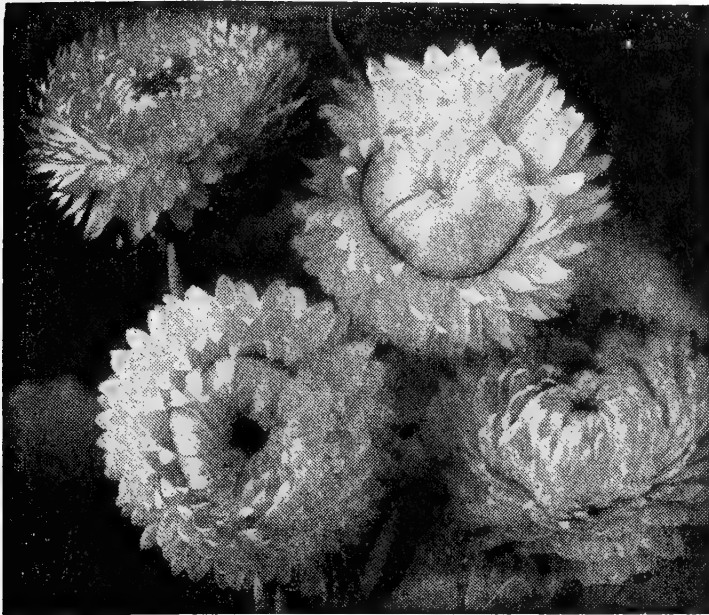
COLLECTION

1 Pkt. each of the above 7 Snapdragons (the named kinds), value \$1.05, postpaid for.....

75c

If you are feeling sad and sobby,
Then start at once some sort of hobby.
Beat your friends a'growing flowers,
Work and sweat, then take your showers.

"Straw Flowers"



(EVERLASTING FLOWER)

(*Helichrysum*.) Very ornamental in garden, easily grown from seed sown outdoors. Particularly valuable for winter bouquets.

Important: Cut the flowers when partly open. Hang them up dry in dark place.

PRICES: Any color, or all mixed. Pkt. 10c; ¼ oz. 30c; ½ oz. 50c.

GOLDEN GLOBE. Large, golden yellow.

SILVER GLOBE. Chaste, silvery-yellow.

ROSE-CARMINE. Shades of rose.

"CHRISTMAS RED." Very popular color.

ALL KINDS MIXED. Splendid.

I wonder who put straw in flowers,
You hang them up in darkened bowers.
They keep their girlish charms and forms
Through winter's cold and blasting storms.

ROYAL SWEET SULTANS

(*Centaurea Imperialis*)

Finest of all Sweet Sultans for cut flower purposes. Charming for garden also.

The beautiful sweet-scented flowers, on long strong stems, will keep several days when cut.

Seed may be sown in the open garden after ground warms up, but longer season of bloom will be enjoyed if plants are started indoors.

AMARANTH RED RICH PURPLE
BRILLIANT ROSE PURE WHITE
MANY COLORS MIXED

Any color or mixed, Pkt. 10c; (¼ oz. 30c).

Sweet Sultan Collection

ONE PKT. EACH
THE 4 COLORS FOR **30c**

Sweet Sultans, all so nice and fuzzy,
They make you feel so kinda wuzzy.
They're nice right out in hottest sun,
Indoors their colors never run.

"Chrysanthemum-Sunflower"

Rich golden yellow flowers, 5 to 8 inches, fully double, that rival gorgeous dahlias in size and splendor. Petals beautifully quilled.

Many branches, each carrying a gorgeous golden flower. **Pkt. 10c.**

Vivid Verbenas



"Easy to Grow, Make a Big Show"

GIANT LAVENDER. (Lavender Glory.) True lavender with white eyes.

GIANT PINK (Luminosa.) Luminous flame pink, shading to salmon.

GIANT RED. (Lucifer.) Vivid scarlet.

GIANT ROYAL BLUE. (Royale.) Royal blue, with creamy yellow eye.

GIANT WHITE. (Waller-Franklin.) Large.

GIANT VIOLET. Deep violet with white eye.

PRICES: Any above 6 kinds: **Pkt. 15c.**

GIANT MIXED. Pkt. 10c; ½ oz. 40c; ¼ oz. 70c.

Verbena Collection

One pkt. each of the 6 varieties for 60c.

'Tis hard to make Verbenas rhyme
So I'll not try just that this time.
But if you like them bright and big
Then sow the kinds we list, by jig!

Sweet Williams

SINGLE MIXED. Pkt. 10c; ¼ oz. 30c.

DOUBLE MIXED. (Not all double.) **Pkt. 15c.**

Giant Flowered Very large. Fine Best Mixed. **Pkt. 20c.**

Annual Wall Flowers

Fragrant flowers in many bright colors.

WALL FLOWER. "Gold Standard." Deep double golden yellow flowers. **Pkt. 20c.**

WALL FLOWER, DOUBLE MIXED. Many pleasing colors. **Pkt. 15c.**

Wild Cucumber A quick-growing annual—30 feet in a season. Soak seed in warm water 24 hours. **Pkt. 10c; oz. 30c.**

The "Cuke" that's known as wild grows fast,
And shades the porch till summer's past.
The seed pods set so full of stickers
Should not be sat upon in knickers.

If Sow Flower Seeds in Fall

Wait until very late in fall if seeds not sown before Sept. 10th. Now this is the important idea, and for the sake of your own success, don't miss it. The idea is to sow the seed so late that it will not start to germinate before Spring. Keep mulling that over in your head and you will at least start right.

Anemone Bulbs Several flower stems come from a small bulb. Bright colors in mixture.

MONARCH DE CAEN. Very favorite strain. Immense brilliant flowers. 5 for 30c; 10 for 45c; 25 for \$1.00. Prepaid.

Ranunculus Bulbs Flowers two inches or so in diameter, many of them double.

TECOLETE GIANTS MIXED. Bulbs scarce. 5 for 35c; 10 for 65c; 25 for \$1.50. Prepaid.

Giant Flowered Spencer SWEET PEAS

If plant Sweet Peas in EARLY spring.
About the time the robins sing,
You'll get the best results, I know,
Because the roots will deeply grow.

PRICES. All
Sweet Peas.... **Pkt. 10c**

Ounce 30c; 2 Oz. 55c; 4 Oz. \$1.00.
(Not less than Oz. of a kind at Oz. prices)

AUSTIN FREDERICK. The best lavender.
BONNY BRIAR. Rose-pink, of immense size.
BRIDAL VEIL. Pure clear white. Black seeded. Stands early planting.
GRAND SLAM. Large cerise-scarlet.
FLAGSHIP. True clear deep navy-blue.
HEAVENLY BLUE. Brilliant delphinium-blue.
HEBE. Very large, rich pink.
JUMBO. Deep cerise. Immense.
LADY MACBETH. Red, shaded salmon.
MARY PICKFORD. Cream-pink, and salmon.
MISS CALIFORNIA. Salmon cream-pink.
PINKIE. Rich rose-pink.
REDBOY. Rich crimson.
WELCOME. Bright dazzling scarlet.
YOUTH. White, edged pink.

Ruffled Spencers

FLUFFY RUFFLES. Dainty cream-pink. Wonderfully frilled and ruffled.
LADY RUFFLES. Exquisite soft pink on white ground. Scottish Gold Medal.
RUFFLED BEAUTY. Cream-pink with a sheen of bright lilac. Charming effect.
RUFFLED CARMINE. Bright carmine-rose. Frilled and ruffled. Long stems.
RUFFLED ORCHID. Lavender-rose with pastel-mauve sheen.
RUFFLED PRIMROSE. The new ruffled black-seeded cream or primrose.
RUFFLED ROSE. Exquisite ruffled blooms of soft, rich rose color.
RUFFLED WHITE. New ruffled white mostly with duplex and triplex standards.

RUFFLED COLLECTION. One Pkt. each of the 8 Ruffled Spencers, 60c.

GIANT RUFFLED MIXED. Pkt. 10c; Oz. 30c.

"Early Bird Spencers"

They bloom extra early. Large blossoms.
AMETHYST. Rich royal purple.
AVIATOR. Dazzling crimson-scarlet.
GLITTERS. Bright fiery orange.
LAVENDER KING. True lavender.
SHIRLEY TEMPLE. Soft rose-pink.
SNOWSTORM. Best early White Spencer.
ZVOLANEK'S ROSE. Giant rose-pink.
"EARLY BIRD" MIXED. Pkt. 10c; Oz. 30c.



"Lovely 'Leven" Spencers

'Leven Packets Lovely Spencers, 70c.
For "good measure" a Pkt. of Shirley Temple, all for 70c. (Our selection of kinds.)
Just say, "Lovely 'Leven, for 70c."
Larger lots "Lovely 'Leven." Half ounce each of these 'leven Spencers, with one Pkt. Shirley Temple, extra, for good luck for \$1.40.

The lovely frilly Spencer Peas
Are not expensive, if you please.
Our LOVELY 'LEVEN'S priced so low
That you can have a great big show.

"33-in-1" Spencer Mixture

Pkt. 10c; Oz. 30c; ¼ Lb. 75c; Lb. \$2.25.

Nitrugin Bacteria tends to improve germination and growth of Peas, Corn. Pkg. 10c.

One secret in growing finest sweet peas is getting them into well-prepared ground rather early in the spring. True, later plantings often do well, but the sweet pea thrives best under rather cool, moist conditions.

Stocks "Cut and come again" fragrant annual. Profuse bloomer.
DWARF LARGE TEN WEEKS STOCKS.
BLOOD RED PEACH BLOSSOM
CARMINE PINK WHITE
LAVENDER MIXED COLORS
Your choice any color or mixed. Pkt. 10c

ZINNIAS

All Zinnias on This Page,
Pkt. 10c



Dahlia-Flowered Zinnias

CANARY BIRD. Immense primrose.
CRIMSON MONARCH. Gigantic red.
DREAM. Deep lavender, turning purple.
EXQUISITE. Light rose, center deeper.
GOLDEN DAWN. Golden-yellow on brown.
ORIOLE. Orange and gold bicolor.
POLAR BEAR. Pure white. Very large.
SCARLET FLAME. Bright scarlet-orange.
MIXED DAHLIA-FLOWERED. Above mixed.

Long's Mammoth Zinnias

(Also called California Giants)

BRIGHTNESS. Bright pink, lovely.
LAVENDER GEM. Deep lavender.
ORANGE QUEEN. Golden orange.
PURITY. Biggest white.
SALMON QUEEN. Salmon-rose.
SCARLET GLOW. Deep scarlet.
VIOLET QUEEN. Deep purple.
MIXED MAMMOTH. Above, mixed.

Mastodon Mixed Zinnias

Dahlia-Flowered and Mammoth Mixed.
Pkt. 10c; ¼ oz. 35c; ½ oz. 60c; oz. \$1.00.

Since Grandma's flower garden days,
The Zinnia's changed, in many ways.
The kinds that last so long when cut,
Are "Tiny Tim" and Lilliput.

Howard's Giant Crested

Almost all colors known to Zinnias in this new type. Shades of orange, scarlet, yellow, rose, maize and crimson predominate.

Not all bloom true to type, yet. Pkt. 10c.

David Burpee Zinnia

Giant Quilled Zinnias. Pastel shades predominate. Pkt. 10c; ¼ oz. 40c; ½ oz. 70c.

Red Zinnia—"Will Rogers"

A fine giant scarlet-red of unusual brilliance in the popular Dahlia-flowered giant type. Pkt. 10c; ¼ oz. 40c; ½ oz. 75c.

Fantastic "Fantasy" Zinnias

Fantasy is a happy-go-lucky, shaggy type. Mixed colors. Pkt. 10c; ¼ oz. 35c.

Fantasy Zinnia—"Wild Fire"

Vivid "Ragged-Red." Brightens up the garden like nobody's business! Pkt. 10c; ¼ oz. 45c.

Lilliput (Pompon) Zinnias

Small, compact flowers on strong stems. Fine for cutting. Keep long time.

CANARY YELLOW. Fine for cutting.

RED RIDING HOOD. Bright scarlet.

SALMON-ROSE. Loveliest of all.

ROSEBUD. Bodger's rose-pink.

VALENCIA. A real deep burnt orange.

WHITE GEM. Best white Lilliput.

MIXED LILLIPUTS. Above, mixed.

Lilliput Pastel Shades

Apricot, peach, creamy yellow salmon, rose, orchid, mixed. Pkt. 10c; ¼ oz. 35c; ½ oz. 60c.

Darling Cupid Zinnias

Compact plants about 1 ft. tall. Double flowers, about 1 in. Very floriferous.

TINY TIM. Glowing shade of brilliant scarlet.

PIXIE. Very attractive bright yellow.

SNOWDROP. Pure clear white.

ELF. Fascinating shades of carmine.

CUPID MIXTURE. All colors, mixed.

Mexicana Zinnias

Small semi-double flowers, mixed colors from yellow to mahogany-red. Pkt. 10c; ¼ oz. 40c.

60c Zinnia Collection

Giant Pastel
Dahlia Fl. Mixed
Mammoth Mixed
Giant Crested

David Burpee
Mastodon Mixed
Will Rogers
Fantasy Wild Fire

ONE PACKET EACH FOR 60c.

For more than thirty years in all,
We've sent our booklets, spring and fall.
Three million catalogues we've mailed,
In all that time, few seeds have failed.

Zinnias Priced by Weight

	¼ oz.	½ oz.	1 oz.
ALL DAHLIA FLOWERED	\$0.40	\$0.70	\$1.20
ALL LONG'S MAMMOTH .....	.40	.70	1.20
ALL LILLIPUTS .....	.35	.60	1.00
ALL CUPIDS .....	.40	.75	1.30

"Will Rogers" Zinnia, scarlet red, stands out most bright in flower bed.

GLADIOLUS



These Prices Prepaid

- Aladdin** (Palmer) Big, bright salmon, with cream blotch. (L 2—20c; 10—90c) (M 2—14c; 10—60c).
- Algonquin** (Palmer) Brilliant glowing red. Very large and fine. (L 2—20c; 10—90c) (M 2—12c; 10—50c).
- Barcarole** (Palmer) Fine, large, tall, clear orange. Ruffled. (L 2—20c; 10—90c) (M 3—16c; 10—50c).
- Beacon** (Palmer) Red salmon with large cream blotches. A favorite. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Black Opal** (Errey) A tall giant red. Up to ten blooms open. (L 2—20c; 10—90c) (M 2—12c; 10—55c).
- Blue Beauty** Giant light blue with edges of violet-blue. (L 3—25c; 10—80c) (M 2—12c; 10—50c).
- Camellia** (Palmer) Large blush white with orange blotch on cream. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Camrose** (Canada) Blush tinted pink. Cream throat. (L 2—20c; 10—90c).
- Candy Heart** (Salbach) Massive pink with carmine blotch. (L 2—22c; 10—\$1.00) (M 2—15c; 10—65c).
- Carillion** (Palmer) La France pink. Edges often smoky. (L 2—20c; 10—90c; 25—\$1.75).
- Casablanca** (Majeski). New large ruffled white. (L—20c; 10—\$1.60).
- Chamouny** (Bearman). A light cerise-rose of velvety texture. (L—20c; 10—\$1.50).
- Charles Dickens** Radiant purple. Old but still good. (L 3—25c; 10—80c) (M 2—15c; 10—45c).
- Corona** (Palmer) Cream with pink picotee edge. (L 2—20c; 10—90c) (M 2—14c; 10—60c).
- Debonair** (Palmer) La France pink. Throat of pink and cream. (L 3—25c; 10—80c).
- Early Dawn** (Briggs) Tall and large. Very early geranium pink. (L 3—25c; 10—80c).
- Early Rose** (Jack) Rich rose, lighter in throat. Unique color. (L 2—20c; 10—90c).
- Golden Chimes** (Ellis) Beautiful large light yellow. (L 3—25c; 10—80c; 25—\$1.60).
- Gold Dust** (P) Very early, rich golden yellow. Fine. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Greta Garbo** (Pf) Soft rosy buff, with cream throat. Tall. (L 2—20c; 10—90c) (M 3—25c; 10—60c).
- Hawkeye Red** (Heaton) A bright red sport of Vagabond Prince. (L 1—75c; 10—\$6.00).
- Jersey Cream** (Evans) Strong grower. Good habits. Fine. (L 3—25c; 10—80c).
- King Lear** (Palmer) Giant ruffled red-dish-purple. Early. (L 3—25c; 10—80c) (M 2—14c; 10—55c).
- King Tan** (Wilson). Large rosy tan. Novelty color. (L 1—25c; 10—\$2.00).
- Lantana** (Palmer) Orange-salmon with golden throat. Beautiful. (L 1—25c; 10—\$2.00).
- Leading Lady** (John) Lovely creamy white Picardy sport. (L 40c; 10—\$3.20) (M 25c; 10—\$2.00).
- Londonderry** (Christ) Immense rich bronze-orange. Smoky cast. Carmine throat. An "Autumn" color. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Maid of Orleans** (Pf) Large lovely milky white with cream throat. Tall straight spike. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Margaret Beaton** (Canada) A tall immense white with orange-scarlet blotch. (L 3—25c; 10—80c) (M 2—12c; 10—50c).
- Margaret Fulton** Superb early salmon favorite. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Marguerite** (Pommert) Mammoth new watermelon pink, with cream throat. Nicely ruffled. Never flecks. (L 12c; 10—\$1.00) (M 2—15c; 10—60c).
- Minuet** (JC) Large lavender. Grand. Old but still going strong. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Miss America** (Salbach) Delightful shade of flesh pink. (L 15c; 2—25c; 10—\$1.20).
- Myrna** (Pruitt) Tall, large ruffled white. Winner of many prizes. Grand. (L 2—20c; 10—90c) (M 2—15c; 10—60c).
- Nadia** (Leffingwell) Decorative. Salmon-yellow. Long flowerhead. Cute. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Oregon Gold** (Majeski) Light creamy yellow. Large. Ruffled. (L 1—25c; 10—\$2.00).
- Paradise** (Pruitt) Apricot buff, shading to yellow in throat. Tall. (L 3—25c; 10—80c) (M 3—15c; 10—40c).
- Picardy** (Palmer) Soft shrimp pink. Throat feathered rose. (L 3—25c; 10—70c) (M 3—15c; 10—40c).
- Recado** (Palmer) Gigantic tall smoky, splashed with orange scarlet. (L 3—25c; 10—80c).
- Red Phipps** (Briggs) A glowing red. Splendid spike. Favorite. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Rewi Fallu** (Australia) Tall, straight, strong spike with 6 or more massive, rich deep red blooms open at once. (L 3—25c; 10—80c) (M 3—15c; 10—45c).
- Rosa Van Lima** (Pf) Lovely pure pink. Opens eight on straight spike. (L 2—20c; 10—90c) (M 2—14c; 10—60c).

SIZE OF BULBS

Large bulbs (L) Part No. 1 and Part No. 2.
Medium bulbs (M) Part No. 3 and Part No. 4.

Santa Fe (Mrs. Briggs) Pleasing combination of orange, red and yellow, orange predominating. Petals delightfully ruffled. Spike straight.
(L 2—20c; 10—90c) (M 2—14c; 10—60c).

Snow Princess (Pf) Immense white. Many blooms open.
(L 3—25c; 10—80c) (M 3—15c; 10—50c).

Sonatine (Pf) Very tall, large, early, lustrous pink.
(L 3—25c; 10—80c).

Spotlight (Palmer) Deep gold with fire-red blotch.
(L \$1.50; 10—\$12.00) (M \$1.00; 10—\$8.00).

Surfside (Winsor). Excellent white. Cream throat.
(L 3—25c; 10—80c; 25—\$1.60).

Takina (New Zealand) Massive. Rose-line purple.
(L 2—22c; 10—\$1.00; 25—\$2.00).

White Gold (Sheer) Giant cream blending to gold in throat.
(L—20c; 10—\$1.60) (M—12c; 10—\$1.00).

Yellow Herald (Pf) New. Rich yellow. Carmine markings in throat. Robust grower. Early.
(L 40c; 3—\$1.00) (M 20c; 6—\$1.00)

Exhibition Mixed—Prepaid

(Large 10—80c; 50—\$3.50; 100—\$6.00).
(Medium 10—45c; 50—\$2.00; 100—\$3.50).

New White TEXAS

Sturdy grower. Bulbs all sizes produce good blooms. Large bulbs make spikes, average 55 in. Flower-head 28 to 30 inches. Buds, 17 to 19. Blooms 5½ to 6 inches.

Won top awards as seedling 1945, and 1946. Originated by George Buchanan, over 20 years a hybridizer.

Selected as a very worthy white by Fred Cassebeer, well known keen judge of Glads.

Introduced by Alvin R. Bork, with whom I've done business for years. Alvin served overseas, but now is "back in the saddle again."

Is a pleasure to cooperate with this enthusiastic Glad specialist introducing TEXAS, which I'm confident will win a place of honor in your garden and heart.

(L \$2.00; 5—\$8.00)

(M \$1.50; 5—\$6.00)

(S \$1.00; 5—\$4.00)

Prepaid U. S.-Canada.



Gladiolus Bulbs Priced

Per **25** Prepaid

	No. 1	No. 2	No. 3
ALADDIN	\$ 2.20	\$ 1.80	\$ 1.40
ALGONQUIN .....	.....	1.80	1.40
BARCAROLE	2.10	1.60	1.20
BEACON	1.80	1.40	1.10
BLACK OPAL	2.30	1.90	1.40
BLUE BEAUTY	2.10	1.60	1.20
CAMELLIA	1.80	1.40	1.10
CANDY HEART	2.30	1.80	1.50
CHARLES DICKENS ...	1.80	1.40	1.10
CORONA	2.50	2.00	1.60
EARLY DAWN	1.80	1.50	.....
EARLY ROSE .....	.....	1.80	.....
GOLD DUST	2.00	1.60	1.20
GRETA GARBO	2.20	1.80	1.40
JERSEY CREAM	1.80	1.40	.....
KING LEAR	2.20	1.80	1.40
LONDONDERRY	1.80	1.40	1.10
MAID OF ORLEANS ...	1.80	1.40	1.10
MARGARET BEATON ..	2.00	1.60	1.20
MARGARET FULTON ..	1.80	1.40	1.10
MARGUERITE	2.40	2.00	1.50
MINUET	1.80	1.40	1.10
MYRNA	2.20	1.80	1.40
NADIA	1.80	1.40	1.10
PARADISE	1.80	1.40	1.10
PICARDY	1.80	1.30	1.00
RECADO	1.80	1.40	.....
RED PHIPPS	1.80	1.40	1.10
REWI FALLU .....	.....	1.60	1.20
ROSA VAN LIMA	2.20	1.80	1.40
SANTA FE	2.20	1.80	1.40
SNOW PRINCESS	1.90	1.50	1.20

Gladiolus Bulbs Priced

Per **100** Prepaid

	No. 1	No. 2	No. 3
ALADDIN	\$ 8.00	\$ 6.00	\$ 4.80
ALGONQUIN .....	.....	6.80	5.00
BARCAROLE	7.60	5.80	4.40
BEACON	6.80	5.20	4.00
BLACK OPAL	8.40	6.80	5.00
BLUE BEAUTY	7.60	6.00	4.40
CAMELLIA .....	.....	5.20	4.00
CANDY HEART	8.40	7.00	5.00
CHARLES DICKENS ...	6.80	5.20	4.00
CORONA .....	.....	7.60	6.00
EARLY DAWN	6.80	5.20	.....
GOLD DUST	7.00	6.00	4.00
GRETA GARBO	8.00	6.60	4.80
KING LEAR	7.60	6.40	4.80
LONDONDERRY .....	.....	5.20	4.00
MAID OF ORLEANS ...	6.80	5.20	4.00
MARGARET BEATON ..	7.20	5.40	4.20
MARGARET FULTON ..	6.80	5.00	3.60
MARGUERITE	9.00	7.00	5.40
MINUET	6.80	5.20	4.00
MYRNA	7.60	6.40	4.40
PARADISE	6.80	5.20	4.00
PICARDY	6.60	4.80	3.80
RED PHIPPS .....	.....	5.20	4.00
ROSA VAN LIMA	7.60	6.40	4.40
SANTA FE	7.60	6.40	4.40
SNOW PRINCESS	7.00	5.30	4.00

Per 25 F. O. B. Boulder

(You pay Express or Postage C. O. D.)

	No. 1	No. 2	No. 3
ALADDIN	\$ 1.90	\$ 1.50	\$ 1.20
ALGONQUIN .....	.....	1.60	1.20
BARCAROLE	1.80	1.40	1.10
BEACON	1.60	1.30	1.00
BLACK OPAL	2.00	1.60	1.20
BLUE BEAUTY	1.80	1.40	1.10
CAMELLIA	1.60	1.30	1.00
CANDY HEART	2.00	1.60	1.20
CHARLES DICKENS ...	1.60	1.30	1.00
CORONA	2.20	1.80	1.40
EARLY DAWN	1.60	1.30	.....
EARLY ROSE .....	.....	1.50	.....
GOLD DUST	1.60	1.30	1.00
GRETA GARBO	1.90	1.50	1.20
JERSEY CREAM	1.60	1.30	.....
KING LEAR	1.90	1.50	1.10
LONDONDERRY	1.60	1.30	1.00
MAID OF ORLEANS ...	1.60	1.30	1.00
MARGARET BEATON..	1.90	1.40	1.10
MARGARET FULTON..	1.60	1.30	1.00
MARGUERITE	2.20	1.80	1.50
MINUET	1.60	1.30	1.00
MYRNA	1.90	1.50	1.20
NADIA	1.60	1.30	.....
PARADISE	1.60	1.30	1.00
PICARDY	1.60	1.20	.90
RECAO	1.70	1.40	.....
RED PHIPPS	1.60	1.30	1.00
REWI FALLU .....	.....	1.50	1.00
ROSA VAN LIMA	1.90	1.50	1.20
SANTA FE	1.90	1.50	1.20
SNOW PRINCESS	1.70	1.40	1.10

Per 100 F. O. B. Boulder

(You pay Express or Postage C. O. D.)

	No. 1	No. 2	No. 3
ALADDIN	\$ 6.40	\$ 5.50	\$ 4.20
ALGONQUIN .....	.....	.....	4.30
BARCAROLE	6.00	5.00	4.00
BEACON	5.60	4.40	3.60
BLACK OPAL	6.60	5.60	4.40
BLUE BEAUTY	6.00	5.00	4.00
CAMELLIA .....	.....	4.40	3.60
CANDY HEART	6.60	5.60	4.40
CHARLES DICKENS ...	5.60	4.40	3.60
CORONA .....	.....	6.20	4.60
EARLY DAWN	5.60	4.40	.....
GOLD DUST	5.80	4.60	3.80
GRETA GARBO	6.80	5.40	4.20
KING LEAR	6.00	5.00	4.00
LONDONDERRY .....	.....	4.40	3.60
MAID OF ORLEANS ...	5.60	4.40	3.60
MARGARET BEATON..	5.80	4.60	3.80
MARGARET FULTON..	5.60	4.20	3.20
MARGUERITE	8.00	6.00	5.00
MINUET	5.60	4.40	3.60
MYRNA	6.00	5.00	4.00
PARADISE	5.60	4.40	3.60
PICARDY	5.50	4.40	3.30
RED PHIPPS .....	.....	4.40	3.60
ROSA VAN LIMA	6.00	5.00	4.00
SANTA FE	6.00	5.00	4.00
SNOW PRINCESS	5.80	4.50	3.70
EXHIBITION MIXED ..	5.40	4.00	3.40

Another New Glad

RITA MAE (Pommert). Light cherry red with yellow throat lines. Height 50 to 54 inches. Buds 22. Number open 9. Size 5 inches. **Each \$2.00** for large, medium or small bulb, with two bulblets for good luck.

"Sioux City Sue" (Ayers)

An American Beauty Rose Red Glad, named in honor of Sioux City's Sue, Miss Gayle Jean Hofstad, 19-21 buds, 7 or 8 open. Slightly ruffled. Spikes never crook. You don't need to "swap your horse and dog". Just send us \$5.00 for one bulb (large or medium) and 5 bulblets. Prepaid.

Per 1000 F. O. B. Boulder

(You pay Express on arrival.)

250 or more, same kind and size, at 1,000 rate.

	No. 1	No. 2	No. 3
ALADDIN	\$56.00	\$46.00	\$36.00
BARCAROLE .....	.....	42.00	32.00
BEACON	50.00	40.00	30.00
BLACK OPAL .....	.....	50.00	40.00
BLUE BEAUTY .....	.....	44.00	34.00
CANDY HEART .....	.....	50.00	40.00
CHARLES DICKENS ...	.....	38.00	28.00
EARLY DAWN	48.00	38.00	.....
GRETA GARBO .....	.....	48.00	38.00
KING LEAR .....	.....	44.00	34.00
LONDONDERRY .....	.....	38.00	28.00
MARGARET BEATON..	54.00	44.00	34.00
MARGARET FULTON..	.....	36.00	26.00
MARGUERITE	66.00	56.00	40.00
PARADISE .....	.....	40.00	30.00
PICARDY	50.00	40.00	30.00
SANTA FE .....	.....	44.00	34.00
EXHIBITION MIXED ..	48.00	38.00	28.00

Why Crooked Spikes?

Some varieties naturally produce a large percent of crooked or "Saxophone" spikes.

Conditions that tend to make crooked spikes in any variety are such as too shallow planting, and uneven or erratic application of moisture. **Deep planting** helps prevent alternate drying and moistening of the soil around the roots.

Too much water produces a rank, flabby growth, so that on hot days the spike lops downward. Comes a cooler spell, or cool night, and the spike takes an upward turn—and there's your "Sax"!

Some of the loveliest varieties may crook and twist so much in certain climates and under certain weather conditions that they might be described as the "vining type." Yet the same variety in other places or under different seasonal conditions may produce splendid erect spikes.

Here's an idea: So far as possible, plant your varieties that have shown a tendency to crook, LATE in the season, early July OK in many sections. The idea is that they will produce spikes during the cooler fall months, and not crook as in summer.

After all, why worry too much about crooked spikes? Of course they are not desirable for packing for shipping, but a certain percent of crooked spikes are splendid for bouquets and baskets. Some florists specify part of order to be crooked spikes.

If we had to go to a lot of trouble to produce crooked spikes, then they would be highly prized and bring a premium, for they do add class to a basket, if one has that artistic touch and knows how to use them.

DAHLIAS

ALL DAHLIAS PRICED PREPAID.

Large Varieties

A. D. Livoni (Show) Rich pink, finely formed. A handsome flower of medium size. 35c.

California Idol (Dec.) Mammoth decorative clear lemon yellow, long, erect stems. 50c.

City of Cleveland (Informal Dec.) Unusual, russet red. Grand. Good growing habits. 50c.

Jane Cowl (Dec.) Glistening bronzy buff and old gold. Deeper toward center. Massive. 50c.

Jersey's Beauty (Dec.) Beautiful pink, excellent stem, fine keeping qualities. 50c.

Kilgore's King New gigantic Informal Decorative. Outer petals lovely rose-buff. Center golden. 75c.

Margaret Woodrow Wilson

An exhibition dahlia of immense size and beauty. Color, opalescent pink. 50c.

Mrs. Geo. Le Boutillier (Dec.) The largest of all red dahlias. Color, vivid red. 50c.

Mrs. Carl Salbach (Dec.) Lavender-pink. 50c.

Mrs. Ida De Ver Warner (Dec.) Exquisite soft orchid. Very large. 50c.

Red Chief Bright red ball type. Good cutter. 25c.

Robert Ripley A super-giant decorative. Light purple. 75c.

Rosa Nell (Dec.) Pure, bright rose. Immense flowers. 50c.

Waterloo Very large orchid-pink Hybrid Cactus. 50c.

White King Pure white decorative. Favorite cutting white. 50c.

Small Pompons

All Pompons at 35c; 4 or more at 30c

Cardinal Bright red.

Darkness Rich maroon.

Girlye Lovely lavender-pink.

Joe Fattie Pure white.

Minnie Mellor Orchid-pink.

Rose Wilmoth Rose pink.

Yellow Gem Best yellow.

Little Willie Tiny red.

Weed 'em and Reap

Don't ever let the weeds get big. Funny, isn't it, how we think we're doing something great when slaughtering big weeds, but don't feel half that glow of satisfaction if we kill 'em off when small and when it is so much easier done. But the time to get the weeds is before they take their toll from the soil's fertility. Frequent raking, hoeing and cultivating is the way to get the weeds just as sprouting.

Would You Chew Wood?

You'd have a fit if the Missus would serve shavings and twine with your radish, turnips, beets, snap beans, etc. Yet many times these are served old and tough, and full of woody fibre and stringy entanglements. To have them tender when wanted, **plant often**. Don't plant radish, beets, beans only once. Plant every few weeks and have them crisp, juicy and tender.

Some Pansy Pointers

Sown in boxes indoors in late February or early March, then transplanted. Easier yet, just sow the seed in the open garden in early spring. They will begin blooming in July from seed thus sown in the garden. The plants will bloom until hard frosts. With a light protection will bloom again the next spring.

For husky, early spring Pansy plants sow the seed outdoors late in August, cover with thin layer of excelsior, remove soon as Pansy plants come through the ground. Just before ground freezes, give light covering of excelsior, straw or brush. NOT MUCH, lest smother plants. Remove very early in spring.

Hints on Germinating Seeds

For tiny flower seeds outdoors, take great care in preparing the bed, making it very fine and level. Then after sowing the seed cover very lightly, not over one-fourth inch for most small seeds and less for some, such as Petunias which should barely be covered by sifting fine soil, or sand over the seed. Press the soil firmly with piece of board. Then spread some light covering over the bed until plants begin to show up. This is to prevent washing the seed away or drying out of soil, which is cause of many failures. Use coarse cloth, straw or hay. I find excelsior the best for this purpose and use it altogether in germinating Pansy seed.

Use the Hoe more, Hose Less

Weeds are great bluffers. Get after them from the very beginning in a manner that will give them to understand that they might just as well give up the battle first as last. However, weeds are useful, for they keep us digging and scratching around the plants and thus give the top soil just the treatment it needs. Thus, without weeds many would forget to keep the soil so thoroughly worked.

Remember that plants need air as well as moisture. Keep the soil loose.

Furthermore, frequent stirring of the soil conserves the moisture and if you will "Use the hoe more" you will need to "Use the hose less." Most people water their plants too much and do not cultivate them enough, and for that reason I have adopted the slogan, **"Use the hoe more and the hose less."**

That's where you have a hose, of course. The same applies to irrigating from a ditch. Dry farmers get good results by using the hoe often. When I say hoe I mean anything from a hairpin to a tractor that will stir the soil. I use a garden rake a great deal in place of a hoe when the plants are small. With some plants you can rake right over the rows without injuring the plants. Rows of gladioli from bulblets can be raked until plants are six inches high.

Lawn Grass Seed

Never in over 40 years selling seeds have we known such a shortage of the main grasses used for seeding lawns, namely White Dutch Clover and Kentucky Blue Grass, especially the latter.

It places us and all other seedsmen in a spot. First off, it is almost impossible to secure, at any price, enough stock for our customers. Second, we are forced to charge what might seem too much. Third, we believe we should limit each customer to not over 10 pounds of seed. At time of writing this, in December, it looks like we should cut that to five pounds. But will go as far as we can with the ten pound limit.

Later in the season, write us, if you wish, asking if stocks will permit larger quantity to a customer.

Due to drastic shortage of Blue Grass, our own mixture is one part Blue Grass to 2 parts Clover. See below.

White Clover alone will make you a fine lawn, and in a hurry. Ordinarily it has been used sparingly when mixed with Blue Grass, partly because, normally, it has been scarcer and higher priced. But this season the reverse is true.

The Blue Grass we add in our mixture will not show up so noticeably the first year. But even a much less proportion will eventually take possession of your lawn. Just a root here and there will spread and spread, as you may have noticed. So that's our story.

Just one more point. Of all times, do be careful what sort of seed you get for your lawn. And bear in mind that even at current higher prices, the cost of the seed is a very, very small item compared with the cost of preparing the lawn for sowing. If and when we run out of the quality of seed that has built us a national reputation, we will refund instead of fill your orders.

Clover "goes farther" than Blue Grass in getting a lawn established quickly. So, if ground is well prepared, seed sown carefully and evenly, lawn kept watered first few weeks, you can get a good stand by sowing one pound to 300 to 400 square feet. A little thicker might be better. This applies to either clover alone or our mixture.

New lawns should be thoroughly worked, leveled and allowed to settle.

The more care before sowing the seed the better the results. Seed will wash to the low spots and make your lawn spotted.

Sow part the seed one way and then some more crosswise, so as to avoid streaks. Rake well before and after sowing. Water gently so often that soil never dries out until lawn is green.

Old lawns should be re-seeded and fertilized from time to time. Use only the purest seed. Never be afraid of sowing too much seed, nor too often.

Best White Dutch Clover

The finest and purest we know of. This lot exceptionally good. ½ lb. 70c; one to 10 pounds, \$1.40 per pound, prepaid within 5th zone.

True Kentucky Blue Grass

The purest and best genuine Kentucky Blue Grass we can buy. Not over 10 lbs. to a customer. ½ lb. 80c; one to 10 lbs, \$1.50 per pound, prepaid within 5th zone only.

Blue Grass and Clover Mixed

Carefully mixed by ourselves (see above) from our own stocks. ½ lb. 75c; one to 10 pounds at \$1.45 per pound, prepaid within 5th zone.

Business Terms--

All goods prepaid, unless otherwise noted.

Orders shipped promptly, or if delayed, we notify you at once. Safe delivery guaranteed.

Cash with order, or ¼ cash, balance C. O. D. Please do not ask for any other terms. Money orders preferred. But don't hesitate to send your personal check. We will pay collection fee at our bank. Coins or stamps for \$1.00 or less usually safe, but send at your own risk.

C. O. D. orders. Bear in mind that C. O. D. orders cost you extra for collection. Note we require ¼ down payment on C. O. D. orders.

Goods priced prepaid will be sent by parcel post or express, our option.

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MAMMOTH "MISSION" MARIGOLDS

TWO CHRYSANTHEMUM TYPE MARIGOLDS. The lovely blooms, 4 to 5 inches, are almost perfect balls, suggesting the incurved Chrysanthemum.

THE GIANT BLOSSOMS are made up of small tubular florets. Mission blooms are hard, firm, and long keepers when cut. Last many days indoors.

THE VIGOROUS PLANTS, of medium height, produce 8 to 12 good long flower stems. The side branches have blooms as large as the center stems.

MISSION "GOLDSMITH". Lovely orange. A masterpiece. Pkt. 15c; $\frac{1}{4}$ oz. 60c.

MISSION "YELLOWSTONE". Clear bright golden yellow. Pkt. 15c; $\frac{1}{4}$ oz. 60c.

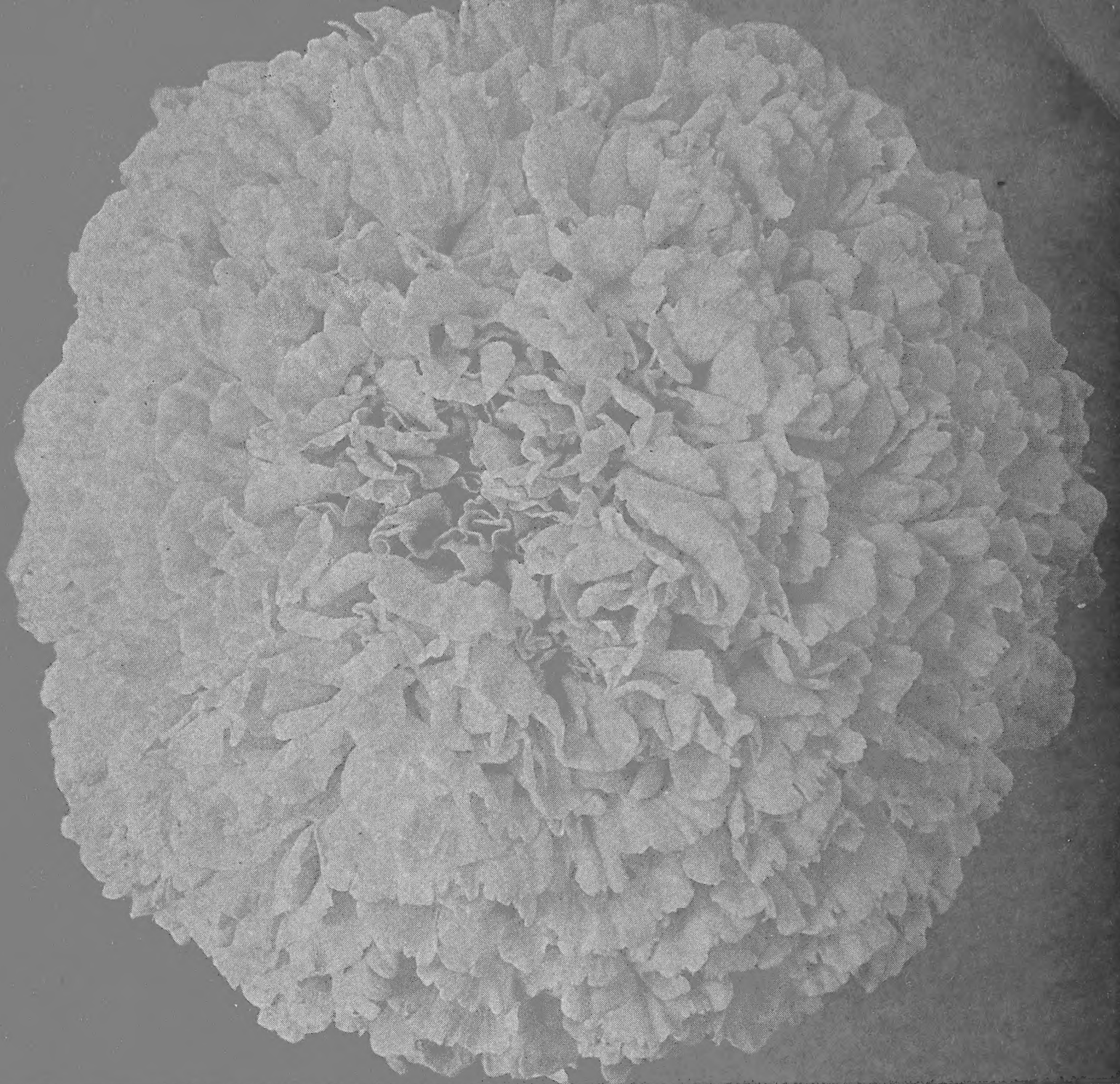
GIGANTIC "MARIGOLD-MUM"

Very similar in every way to "MISSIONS", but color lemon-yellow. Pkt. 15c; $\frac{1}{8}$ oz. 70c; $\frac{1}{4}$ oz. \$1.25. (Any two 15c Pkts. Marigold, alike or assorted, for 25c. Any 4 for 50c.)

"MISSION-MUM" MIXTURE

Goldsmith, Yellowstone and Mum—all in one mixture. Pkt. 15c. $\frac{1}{4}$ oz. 75c. $\frac{1}{2}$ oz. \$1.30.

If have no Mission Marigold, you hain't seen nuthin' yet, I hold.



Marvelous Mammoth MARIGOLDS

"Pot O' Gold" (Tall) MAMMOTH GLOWING
Orange. (Bodger's Gigantea Double). Almost unbelievable size. **Pkt. 15c; ¼ oz. 75c.**

Gypsy Jewels Large double blooms in brilliant shades, mixed.
Pkt. 15c; ¼ oz. 75c.

Sunset Giants Mammoth double type. Robust. Sweet scented. Mixed colors. **Pkt. 10c; ¼ oz. 40c.**

Crown of Gold Medium size. Odorless **Pkt. 10c; ¼ oz. 40c.**

Harmony Yellow bordered maroon. Semi-dwarf. **Pkt. 10c; ¼ oz. 30c.**

Guinea Gold Orange. Carnation-flowered. **Pkt. 10c; ¼ oz. 30c.**

Orange Prince Deep golden orange. **Pkt. 10c; ¼ oz. 30c.**

Yellow Supreme An old favorite. **Pkt. 10c; ¼ oz. 30c.**

Dwarf "Pot O' Gold" Bushy plants about 14 in. Large orange double. **Pkt. 10c; ¼ oz. 60c.**

Gold Medal Blend Many new kinds "ALL-IN-ONE" mixture. **Pkt. 10c; ¼ oz. 30c; ½ oz. 50c.**

60c COLLECTION

One each of the 8 Marigolds priced at 10c.

75c COLLECTION

One each of the 6 Marigolds priced at 15c.

Mission Master Marigolds

SEE PAGE 35

"GOLDSMITH." Giant Orange. **Pkt. 15c.**

"YELLOWSTONE." Giant gold. **Pkt. 15c.**
(1 pkt. each Goldsmith and Yellowstone 25c)

MARIGOLD-MUM, Pkt. 15c

The J. D. Long Seed Co. ★ Boulder, Colorado